

June 13, 2006

Fluid Minerals Group  
Bureau of Land Management  
Vernal Field Office  
170 South 500 East  
Vernal, Utah 84078

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.  
RBU 2-4E:

Surface Location: 373' FNL & 1,656' FEL, (NW/4 NE/4) Lot 5  
Target Location: 700' FNL, 2,000' FEL, (NW/4 NE/4) Lot 5  
Section 4, T10S, R19E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and three copies of the Application for Permit to Drill (APD) for the above referenced BLM administered directional well. A request for exception to spacing (R649-3-11) is hereby requested based on topography since the well is located less than 460' from the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well and all points along the intended well bore path. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan;

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

*Don Hamilton*  
Don Hamilton  
Agent for Dominion

cc: Diana Whitney, Division of Oil, Gas and Mining  
Carla Christian, Dominion  
Ken Secrest, Dominion

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JUN 19 2006

DIV. OF OIL, GAS & MINING

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. U-013792
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Dominion Exploration & Production, Inc.		7. If Unit or CA Agreement, Name and No. River Bend Unit
3a. Address 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134	3b. Phone No. (include area code) 405-749-5263	8. Lease Name and Well No. RBU 2-4E
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 373' FNL & 1,656' FEL, (NW/4 NE/4) Lot 5 At proposed prod. zone 700' FNL, 2,000' FEL, (NW/4 NE/4) Lot 5		9. API Well No. 43-047-38294
14. Distance in miles and direction from nearest town or post office* 9.25 miles southwest of Ouray, Utah		10. Field and Pool, or Exploratory Natural Buttes
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 373'		11. Sec., T. R. M. or Blk. and Survey or Area Section 4, T10S, R19E, SLB&M
16. No. of acres in lease 1,882.20 acres	17. Spacing Unit dedicated to this well 40 acres	12. County or Parish Utah
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1,450'	19. Proposed Depth 9,150' (9,210' MD)	13. State UT
20. BLM/BIA Bond No. on file WY 3322	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4,958' GR	22. Approximate date work will start* 10/15/2006
23. Estimated duration 14 days		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the BLM.

25. Signature <i>Don Hamilton</i>	Name (Printed/Typed) Don Hamilton	Date 06/13/2006
--------------------------------------	--------------------------------------	--------------------

Title Agent for Dominion	Name (Printed/Typed) BRADLEY G. HILL	Date 06-22-06
Approved by (Signature) <i>[Signature]</i>	ENVIRONMENTAL MANAGER	
Title		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

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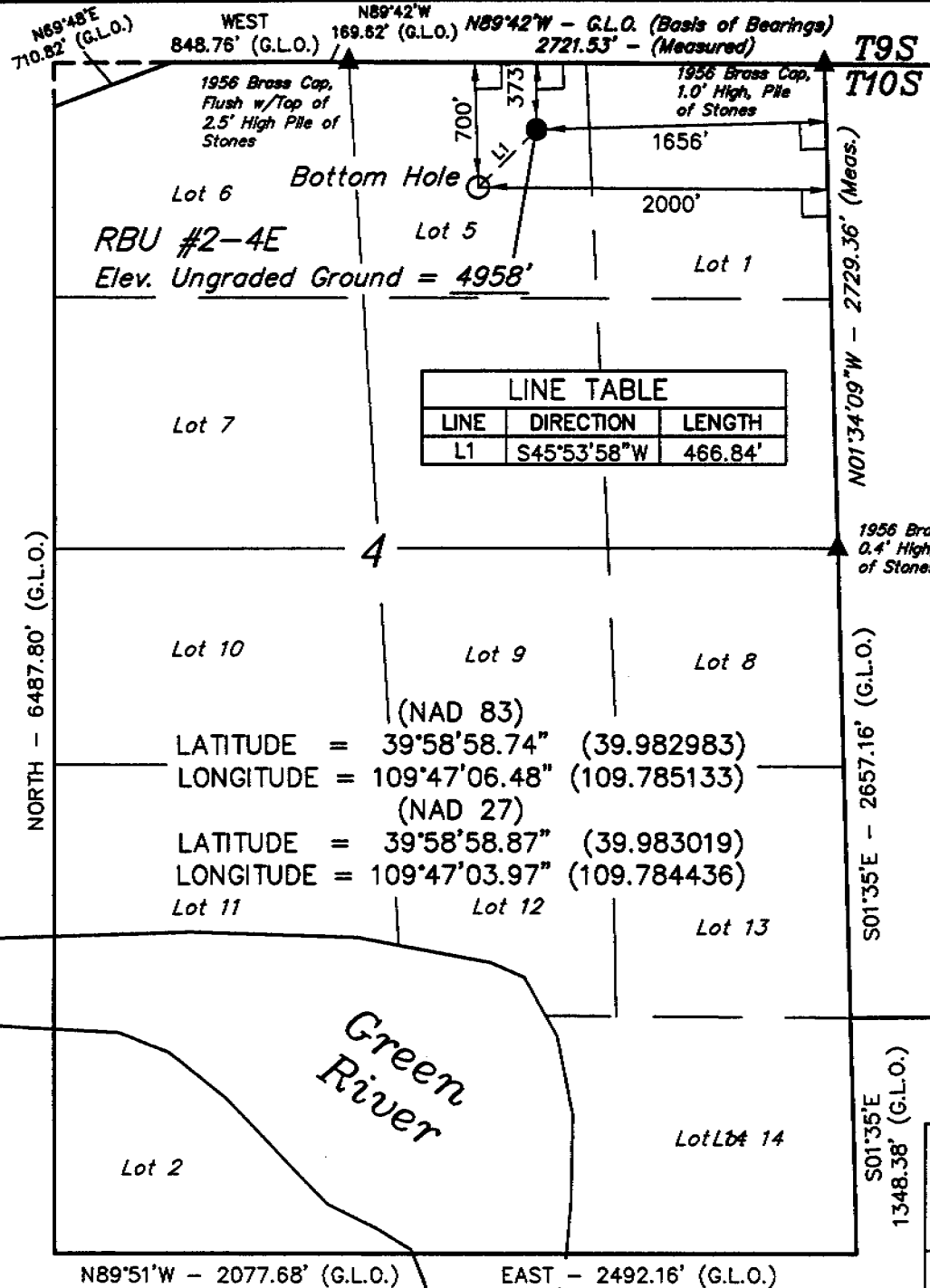
Surf 603798X  
4426340Y  
39.982752  
-109.784347

Federal Approval of this  
Action is Necessary BHL  
603698X  
4426236Y  
39.981820  
-109.785540

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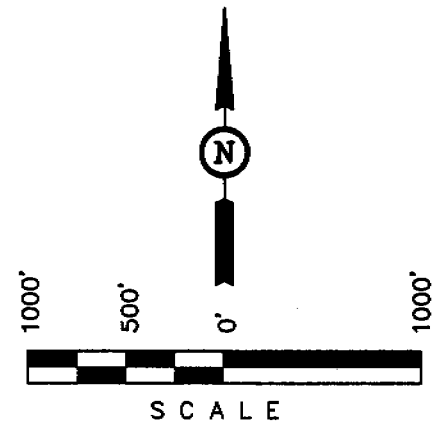


# **DOMINION EXPLR. & PROD., INC.**

Well location, RBU #2-4E, located as shown in the NW 1/4 NE 1/4 (Lot 5) of Section 4, T10S, R19E, S.L.B.&M. Uintah County, Utah.

## **BASIS OF ELEVATION**

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R19E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UINTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.



## **CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*[Signature]*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

REVISED: 02-23-06

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 02-15-06	DATE DRAWN: 02-20-06
PARTY B.B. T.B. S.L.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE DOMINION EXPLR. & PROD., INC.	

**T10S, R19E, S.L.B.&M.**

## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### Attachment for Permit to Drill

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** RBU 2-4E  
SHL: 373' FNL & 1656' FEL Section 4-10S-19E  
BHL: 700' FNL & 2000' FEL Section 4-10S-19E  
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	4,525'
Green River Tongue	4,890'
Wasatch	5,055'
Chapita Wells	6,035'
Uteland Buttes	7,335'
Mesaverde	8,235'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	4,525'	Oil
Green River Tongue	4,890'	Oil
Wasatch	5,055'	Gas
Chapita Wells	6,035'	Gas
Uteland Buttes	7,335'	Gas
Mesaverde	8,235'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	STC	0'	2,800'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	9,150'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

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## DRILLING PLAN

### APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling out surface casing shoe and anytime a new casing string is set. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

#### 6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.
- The mud system will be monitored manually/visually.

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' - 500'	8.4	Air foam mist, no pressure control
500' - 2,800'	8.6	Fresh water, rotating head and diverter
2,800' - 9,150'	8.6	Fresh water/2% KCL/KCL mud system

#### 7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a contant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 80' from the wellhead.

#### 8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

#### 9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

#### 10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

#### 11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

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## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### 12. CEMENT SYSTEMS

##### a. Surface Cement:

- Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl<sub>2</sub> and 1/4 #/sk. Polyflake (volume includes 70% excess). Top out as necessary. Casing to be centralized with a total of 5 centralizers.

##### b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 2,800'±, run and cement 9-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 15 centralizers.
- Cement to surface not required due to surface casing set deeper than normal.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	300	0'-2,000'	11.0 ppg	3.82 CFS	644 CF	1,128 CF
Tail	390	2,000'-2,800'	15.6 ppg	1.18 CFS	251 CF	439 CF

Intermediate design volumes based on 75% excess of gauge hole.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 3.82 cf/sack      Slurry weight: 11.00 #/gal.  
Water requirement: 22.95 gal/sack  
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.  
Pump Time: 1 hr. 5 min. @ 90 °F.  
Compressives @ 95 °F: 24 Hour is 4,700 psi

##### c. Production Casing Cement:

- Drill 7-7/8" hole to 9,150'±, run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 2% KCL.
- Production casing to be centralized with 30 centralizers.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	90	4,255'-5,055'	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	820	5,055'-9,150'	13.0 ppg	1.75 CFS	709 CF	1419 CF

Production design volumes based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch +15%.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 3.12 cf/sack      Slurry weight: 11.60 #/gal.  
Water requirement: 17.71 gal/sack  
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.  
Slurry yield: 1.75 cf/sack      Slurry weight: 13.00 #/gal.  
Water requirement: 9.09 gal/sack  
Compressives @ 165°F: 905 psi after 24 hours

#### 13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: October 15, 2006  
Duration: 14 Days

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# Dominion E&P

Field: Uintah County, UT  
Site: RBU 2-4E  
Well: #2-4E  
Wellpath: Original Hole  
Plan: Plan #1



**Dominion**



Azimuths to True North  
Magnetic North: 11.83°

Magnetic Field  
Strength: 52835nT  
Dip Angle: 65.93°  
Date: 6/7/2006  
Model: lgr2005

## SITE DETAILS

RBU 2-4E  
River Bend Unit  
Section 4-T10S-R19E

Site Centre Latitude: 39°58'58.740N  
Longitude: 109°47'06.480W

Ground Level: 4957.00  
Positional Uncertainty: 0.00  
Convergence: 1.10

## WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#2-4E	0.00	0.00	7167145.88	2120905.89	39°58'58.740N	109°47'06.480W	N/A

## FIELD DETAILS

Uintah County, UT  
Utah - Natural Buttes  
USA

Geodetic System: US State Plane Coordinate System 1983  
Ellipsoid: GRS 1980  
Zone: Utah, Central Zone  
Magnetic Model: lgr2005

System Datum: Mean Sea Level  
Local North: True North

West(-)/East(+) [500ft/in]

-800 -600 -400 -200 0 200

KOP @ 540'  
Azimuth= 225.90°  
Vertical Point

South(-)/North(+) [500ft/in]  
200  
0  
-200  
-400  
-600

## TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Vertical Point	2700.00	-324.88	-335.25	Point
PBHL	9150.00	-324.88	-335.25	Point

## FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	4525.00	4585.32	Wasatch Tongue
2	4890.00	4950.32	Green River Tongue
3	5055.00	5115.32	Wasatch
4	6035.00	6095.32	Chapita Wells
5	7335.00	7395.32	Uteland Buttes
6	8235.00	8295.32	Mesaverde

## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	225.90	0.00	0.00	0.00	0.00	0.00	0.00	
2	540.00	0.00	225.90	540.00	0.00	0.00	0.00	0.00	0.00	
3	1103.76	16.91	225.90	1095.61	-57.49	-59.32	3.00	225.90	82.60	
4	2063.81	16.91	225.90	2033.27	-255.90	-264.06	0.00	0.00	367.72	
5	2760.32	0.00	225.90	2700.00	-324.88	-335.25	2.50	180.00	466.84	Vertical Point
6	9210.32	0.00	225.90	9150.00	-324.88	-335.25	0.00	0.00	466.84	PBHL

Plan: Plan #1 (#2-4E/Original Hole)

Created By: JEO Date: 6/7/2006  
Checked: Date:   
Reviewed: Date:   
Approved: Date:



**Ryan** The leader in  
UNCONVENTIONAL OIL RECOVERY

Ryan Energy Technologies  
19510 Oil Center Blvd  
Houston, TX 77073  
Ph: 281-443-1414  
Fax: 281-443-1676

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# Ryan Energy Technologies

## Planning Report



<b>Company:</b> Dominion E&P <b>Field:</b> Uintah County, UT <b>Site:</b> RBU 2-4E <b>Well:</b> #2-4E <b>Wellpath:</b> Original Hole	<b>Date:</b> 6/7/2006 <b>Co-ordinate(NE) Reference:</b> Well: #2-4E, True North <b>Vertical (TVD) Reference:</b> RKB Est 4975.0 <b>Section (VS) Reference:</b> Well (0.00N,0.00E,225.90Azi) <b>Plan:</b> Plan #1	<b>Time:</b> 13:28:43 <b>Page:</b> 1
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<b>Field:</b> Uintah County, UT Utah - Natural Buttes USA <b>Map System:</b> US State Plane Coordinate System 1983 <b>Geo Datum:</b> GRS 1980 <b>Sys Datum:</b> Mean Sea Level	<b>Map Zone:</b> Utah, Central Zone <b>Coordinate System:</b> Well Centre <b>Geomagnetic Model:</b> igrf2005
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<b>Site:</b> RBU 2-4E River Bend Unit Section 4-T10S-R19E <b>Site Position:</b> <b>From:</b> Geographic <b>Position Uncertainty:</b> 0.00 ft <b>Ground Level:</b> 4957.00 ft	<b>Northing:</b> 7167145.88 ft <b>Easting:</b> 2120905.89 ft <b>Latitude:</b> 39 58 58.740 N <b>Longitude:</b> 109 47 6.480 W <b>North Reference:</b> True <b>Grid Convergence:</b> 1.10 deg
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<b>Well:</b> #2-4E <b>Well Position:</b> +N/-S 0.00 ft +E/-W 0.00 ft <b>Position Uncertainty:</b> 0.00 ft	<b>Slot Name:</b> <b>Northing:</b> 7167145.88 ft <b>Easting:</b> 2120905.89 ft <b>Latitude:</b> 39 58 58.740 N <b>Longitude:</b> 109 47 6.480 W
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<b>Wellpath:</b> Original Hole <b>Current Datum:</b> RKB Est <b>Magnetic Data:</b> 6/7/2006 <b>Field Strength:</b> 52835 uT <b>Vertical Section:</b> Depth From (TVD) ft	<b>Height</b> 4975.00 ft +N/-S ft +E/-W ft	<b>Drilled From:</b> Surface <b>Tie-on Depth:</b> 0.00 ft <b>Above System Datum:</b> Mean Sea Level <b>Declination:</b> 11.83 deg <b>Mag Dip Angle:</b> 65.93 deg <b>Direction</b> deg 225.90
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<b>Plan:</b> Plan #1 <b>Principal:</b> Yes	<b>Date Composed:</b> 6/7/2006 <b>Version:</b> 1 <b>Tied-to:</b> From Surface
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### Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	225.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
540.00	0.00	225.90	540.00	0.00	0.00	0.00	0.00	0.00	0.00	
1103.76	16.91	225.90	1095.61	-57.49	-59.32	3.00	3.00	0.00	225.90	
2083.81	16.91	225.90	2033.27	-255.90	-264.06	0.00	0.00	0.00	0.00	
2760.32	0.00	225.90	2700.00	-324.88	-335.25	2.50	-2.50	0.00	180.00	Vertical Point
9210.32	0.00	225.90	9150.00	-324.88	-335.25	0.00	0.00	0.00	0.00	PBHL

### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
540.00	0.00	225.90	540.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP @ 540'
600.00	1.80	225.90	599.99	-0.66	-0.68	0.94	3.00	3.00	0.00	
700.00	4.80	225.90	699.81	-4.66	-4.81	6.70	3.00	3.00	0.00	
800.00	7.80	225.90	799.20	-12.30	-12.69	17.67	3.00	3.00	0.00	
900.00	10.80	225.90	897.87	-23.54	-24.29	33.83	3.00	3.00	0.00	
1000.00	13.80	225.90	995.57	-38.37	-39.59	55.13	3.00	3.00	0.00	
1103.76	16.91	225.90	1095.61	-57.49	-59.32	82.60	3.00	3.00	0.00	
1200.00	16.91	225.90	1187.69	-76.97	-79.43	110.60	0.00	0.00	0.00	
1300.00	16.91	225.90	1283.36	-97.22	-100.32	139.69	0.00	0.00	0.00	
1400.00	16.91	225.90	1379.04	-117.46	-121.21	168.78	0.00	0.00	0.00	
1500.00	16.91	225.90	1474.71	-137.71	-142.10	197.88	0.00	0.00	0.00	
1600.00	16.91	225.90	1570.39	-157.95	-162.99	226.97	0.00	0.00	0.00	Azimuth= 225.90°
1700.00	16.91	225.90	1666.06	-178.20	-183.88	256.06	0.00	0.00	0.00	
1800.00	16.91	225.90	1761.74	-198.44	-204.77	285.15	0.00	0.00	0.00	
1900.00	16.91	225.90	1857.41	-218.69	-225.66	314.24	0.00	0.00	0.00	

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# Ryan Energy Technologies

## Planning Report



<b>Company:</b> Dominion E&P <b>Field:</b> Uintah County, UT <b>Site:</b> RBU 2-4E <b>Well:</b> #2-4E <b>Wellpath:</b> Original Hole	<b>Date:</b> 6/7/2006 <b>Co-ordinate(NE) Reference:</b> Well: #2-4E, True North <b>Vertical (TVD) Reference:</b> RKB Est 4975.0 <b>Section (VS) Reference:</b> Well (0.00N,0.00E,225.90Azi) <b>Plan:</b> Plan #1	<b>Time:</b> 13:28:43 <b>Page:</b> 2
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### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2000.00	16.91	225.90	1953.09	-238.93	-246.55	343.33	0.00	0.00	0.00	
2063.81	16.91	225.90	2033.27	-255.90	-264.06	367.72	0.00	0.00	0.00	
2100.00	16.51	225.90	2048.78	-259.14	-267.41	372.37	2.50	-2.50	0.00	
2200.00	14.01	225.90	2145.24	-277.45	-286.30	398.69	2.50	-2.50	0.00	
2300.00	11.51	225.90	2242.77	-292.82	-302.16	420.77	2.50	-2.50	0.00	
2400.00	9.01	225.90	2341.16	-305.21	-314.95	438.57	2.50	-2.50	0.00	
2500.00	6.51	225.90	2440.24	-314.61	-324.64	452.07	2.50	-2.50	0.00	
2600.00	4.01	225.90	2539.81	-320.98	-331.22	461.23	2.50	-2.50	0.00	
2700.00	1.51	225.90	2639.69	-324.33	-334.68	466.05	2.50	-2.50	0.00	
2760.32	0.00	225.90	2700.00	-324.88	-335.25	466.84	2.50	-2.50	0.00	Vertical Point
2800.00	0.00	225.90	2739.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
2900.00	0.00	225.90	2839.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
3000.00	0.00	225.90	2939.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
3100.00	0.00	225.90	3039.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
3200.00	0.00	225.90	3139.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
3300.00	0.00	225.90	3239.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
3400.00	0.00	225.90	3339.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
3500.00	0.00	225.90	3439.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
3600.00	0.00	225.90	3539.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
3700.00	0.00	225.90	3639.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
3800.00	0.00	225.90	3739.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
3900.00	0.00	225.90	3839.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
4000.00	0.00	225.90	3939.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
4100.00	0.00	225.90	4039.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
4200.00	0.00	225.90	4139.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
4300.00	0.00	225.90	4239.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
4400.00	0.00	225.90	4339.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
4500.00	0.00	225.90	4439.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
4585.32	0.00	225.90	4525.00	-324.88	-335.25	466.84	0.00	0.00	0.00	Wasatch Tongue
4600.00	0.00	225.90	4539.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
4700.00	0.00	225.90	4639.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
4800.00	0.00	225.90	4739.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
4900.00	0.00	225.90	4839.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
4950.32	0.00	225.90	4890.00	-324.88	-335.25	466.84	0.00	0.00	0.00	Green River Tongue
5000.00	0.00	225.90	4939.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
5100.00	0.00	225.90	5039.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
5115.32	0.00	225.90	5055.00	-324.88	-335.25	466.84	0.00	0.00	0.00	Wasatch
5200.00	0.00	225.90	5139.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
5300.00	0.00	225.90	5239.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
5400.00	0.00	225.90	5339.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
5500.00	0.00	225.90	5439.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
5600.00	0.00	225.90	5539.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
5700.00	0.00	225.90	5639.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
5800.00	0.00	225.90	5739.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
5900.00	0.00	225.90	5839.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
6000.00	0.00	225.90	5939.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
6095.32	0.00	225.90	6035.00	-324.88	-335.25	466.84	0.00	0.00	0.00	Chapita Wells
6100.00	0.00	225.90	6039.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
6200.00	0.00	225.90	6139.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
6300.00	0.00	225.90	6239.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
6400.00	0.00	225.90	6339.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
6500.00	0.00	225.90	6439.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
6600.00	0.00	225.90	6539.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
6700.00	0.00	225.90	6639.68	-324.88	-335.25	466.84	0.00	0.00	0.00	

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# Ryan Energy Technologies

## Planning Report



Company: Dominion E&P  
Field: Uintah County, UT  
Site: RBU 2-4E  
Well: #2-4E  
Wellpath: Original Hole

Date: 6/7/2006  
Co-ordinate(NE) Reference: Well: #2-4E, True North  
Vertical (TVD) Reference: RKB Est 4975.0  
Section (VS) Reference: Well (0.00N,0.00E,225.90Azi)  
Plan: Plan #1

Page: 3

### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6800.00	0.00	225.90	6739.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
6900.00	0.00	225.90	6839.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
7000.00	0.00	225.90	6939.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
7100.00	0.00	225.90	7039.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
7200.00	0.00	225.90	7139.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
7300.00	0.00	225.90	7239.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
7395.32	0.00	225.90	7335.00	-324.88	-335.25	466.84	0.00	0.00	0.00	Uteland Buttes
7400.00	0.00	225.90	7339.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
7500.00	0.00	225.90	7439.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
7600.00	0.00	225.90	7539.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
7700.00	0.00	225.90	7639.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
7800.00	0.00	225.90	7739.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
7900.00	0.00	225.90	7839.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
8000.00	0.00	225.90	7939.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
8100.00	0.00	225.90	8039.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
8200.00	0.00	225.90	8139.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
8295.32	0.00	225.90	8235.00	-324.88	-335.25	466.84	0.00	0.00	0.00	Mesaverde
8300.00	0.00	225.90	8239.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
8400.00	0.00	225.90	8339.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
8500.00	0.00	225.90	8439.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
8600.00	0.00	225.90	8539.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
8700.00	0.00	225.90	8639.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
8800.00	0.00	225.90	8739.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
8900.00	0.00	225.90	8839.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
9000.00	0.00	225.90	8939.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
9100.00	0.00	225.90	9039.68	-324.88	-335.25	466.84	0.00	0.00	0.00	
9200.00	0.00	225.90	9139.68	-324.88	-335.25	466.84	0.00	0.00	0.00	PBHL
9210.32	0.00	225.90	9150.00	-324.88	-335.25	466.84	0.00	0.00	0.00	

### Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec	Longitude Deg Min Sec
Vertical Point		2700.00	-324.88	-335.25	7166814.63	2120576.94	39 58 55.529 N	109 47 10.787 W
-Plan hit target								
PBHL		9150.00	-324.88	-335.25	7166814.63	2120576.94	39 58 55.529 N	109 47 10.787 W
-Plan hit target								

### Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
4585.32	4525.00	Wasatch Tongue		0.00	0.00
4950.32	4890.00	Green River Tongue		0.00	0.00
5115.32	5055.00	Wasatch		0.00	0.00
6095.32	6035.00	Chapita Wells		0.00	0.00
7395.32	7335.00	Uteland Buttes		0.00	0.00
8295.32	8235.00	Mesaverde		0.00	0.00

### Annotation

MD ft	TVD ft	
540.00	540.00	KOP @ 540'
1600.00	1570.39	Azimuth= 225.90°

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## **SURFACE USE PLAN**

### **CONDITIONS OF APPROVAL**

#### *Attachment for Permit to Drill*

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** RBU 2-4E  
SHL: 373' FNL & 1656' FEL Section 4-10S-19E  
BHL: 700' FNL & 2000' FEL Section 4-10S-19E  
Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The BLM onsite inspection for the referenced well was conducted on Wednesday, April 26, 2006 at approximately 10:00 am. In attendance at the onsite inspections were the following individuals:

Karl Wright	Nat. Res. Prot. Spec.	Bureau of Land Management – Vernal
Brandon McDonald	Wildlife Biologist	Bureau of Land Management – Vernal
Ken Secrest	Production Foreman	Dominion E & P, Inc.
Brandon Bowthorpe	Surveyor	Uintah Engineering & Land Surveying
Billy McClure	Foreman	LaRose Construction
Don Hamilton	Agent	Buys & Associates, Inc.

#### 1. Existing Roads:

- a. The proposed well site is located approximately 9.25 miles southwest of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the River Ben Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to any State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal right-of-way is not anticipated for the access road or utility corridor since both are located within the existing River Bend Unit boundary.

2. Planned Access Roads:

- a. From the proposed RBU 1-4E wellsite an access is proposed trending west approximately 0.25 miles to the proposed well site. The access consists of entirely new disturbance and crosses no significant drainages.
- b. A road design plan is not anticipated at this time.
- c. The proposed access road will consist of a 24' travel surface within a 30' disturbed area across BLM lands.
- d. BLM approval to construct and utilize the proposed access road is requested with this application.
- e. A maximum grade of 10% will be maintained throughout the project with no major cuts and fills anticipated.
- f. No turnouts are proposed since the access road is only 0.25 miles long and adequate site distance exists in all directions.
- g. No low water crossings and no culverts are anticipated. Adequate drainage structures will be incorporated into the remainder of the road.
- h. No surfacing material will come from federal or Indian lands.
- i. No gates or cattle guards are anticipated at this time.
- j. Surface disturbance and vehicular travel will be limited to the approved location access road.
- k. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- l. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

- a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown or Carlsbad Canyon to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the east side of the well site and traverse 1,159' east to the proposed RBU 1-4E pipeline corridor.
- i. The new gas pipeline will be an 8" or less steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 1,159' is associated with this well.
- j. **With this application Dominion requests permission to upgrade the proposed and existing RBU 1-4E pipeline corridor from the tie-in point referenced above east to the RBU 15-34B pipeline corridor. The pipeline would be upgraded from the proposed and existing 4" line to an 8" or less pipeline corridor**
- k. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

- a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.

- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the south side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with a 16 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
- k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.
- l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the east.
- c. The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with responsible company representative, contractors, and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface (Interim Reclamation and Final Reclamation):

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.
- c. Following BLM published Best Management Practices the interim reclamation will be completed within 90 days of completion of the well to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
  - a. All equipment and debris will be removed from the area proposed for interim

reclamation and the pit area will be backfilled and re-contoured.

- b. The area outside of the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend with the surrounding area and reseeded at 12 lbs /acre with the following native grass seeds:
  - 1. Crested Wheat Grass (4 lbs / acre)
  - 2. Needle and Thread Grass (4 lbs / acre)
  - 3. Rice Grass (4 lbs / acre)
- c. Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.
- d. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- e. Prior to final abandonment of the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.
- b. Mineral Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

- a. AIA Archaeological will conduct a Class III archeological survey. A copy of the pending report will be submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Alden Hamblin will conduct a paleontological survey. A copy of the pending report will be submitted under separate cover to the appropriate agencies by Alden Hamblin.
- c. Our understanding of the results of the onsite inspection are:
  - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.
  - b. The wellsite, access and pipeline corridor are outside (Lot 5) of the Green River recreation and wildlife corridor NSO area.
  - c. The wellsite, access and pipeline corridor are outside (Lot 5) of the Green River viewshed area.



13. Operator's Representative and Certification

<u>Title</u>	<u>Name</u>	<u>Office Phone</u>
Company Representative (Roosevelt)	Ken Secrest	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-637-4075

**Certification:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature: Don Hamilton Date: 6-13-06

**DOMINION EXPLR. & PROD., INC.**  
**RBU #2-4E**  
**SECTION 4, T10S, R19E, S.L.B.&M.**

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.6 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 3.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 4.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #4-3E TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #1-4E TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.25 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 43.05 MILES.

# DOMINION EXPLR. & PROD., INC.

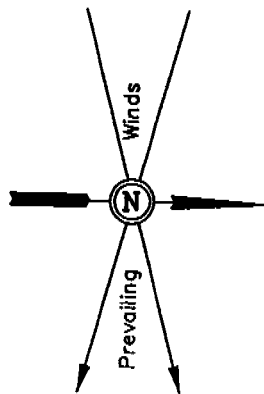
## LOCATION LAYOUT FOR

RBU #2-4E

SECTION 4, T10S, R19E, S.L.B.&M.

373' FNL 1656' FEL

F-9.2'  
El. 47.4'



SCALE: 1" = 50'  
DATE: 02-20-06  
Drawn By: S.L.  
REVISED: 05-01-06

### NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.

Reserve Pit Backfill & Spoils Stockpile



El. 72.5'  
C-27.9'  
(btm. pit)

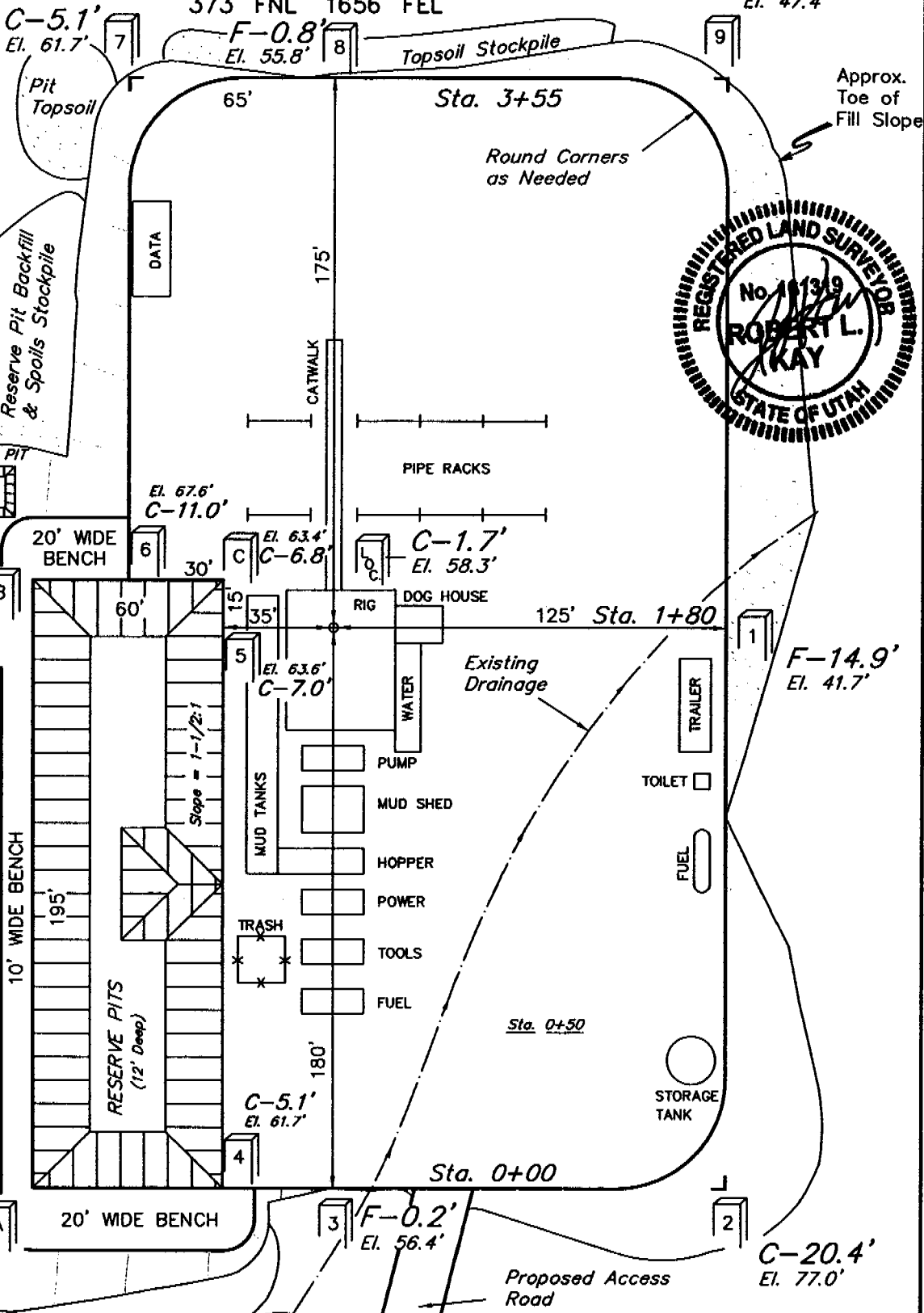
Approx. Top of Cut Slope

Total Pit Capacity  
W/2' of Freeboard  
= 16,080 Bbls. ±  
Total Pit Volume  
= 3,340 Cu. Yds.

C-24.2'  
El. 68.8'  
(btm. pit)

Reserve Pit Backfill & Spoils Stockpile

Elev. Ungraded Ground at Location Stake = 4958.3'  
Elev. Graded Ground at Location Stake = 4956.6'



UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

# DOMINION EXPLR. & PROD., INC.

## TYPICAL CROSS SECTIONS FOR

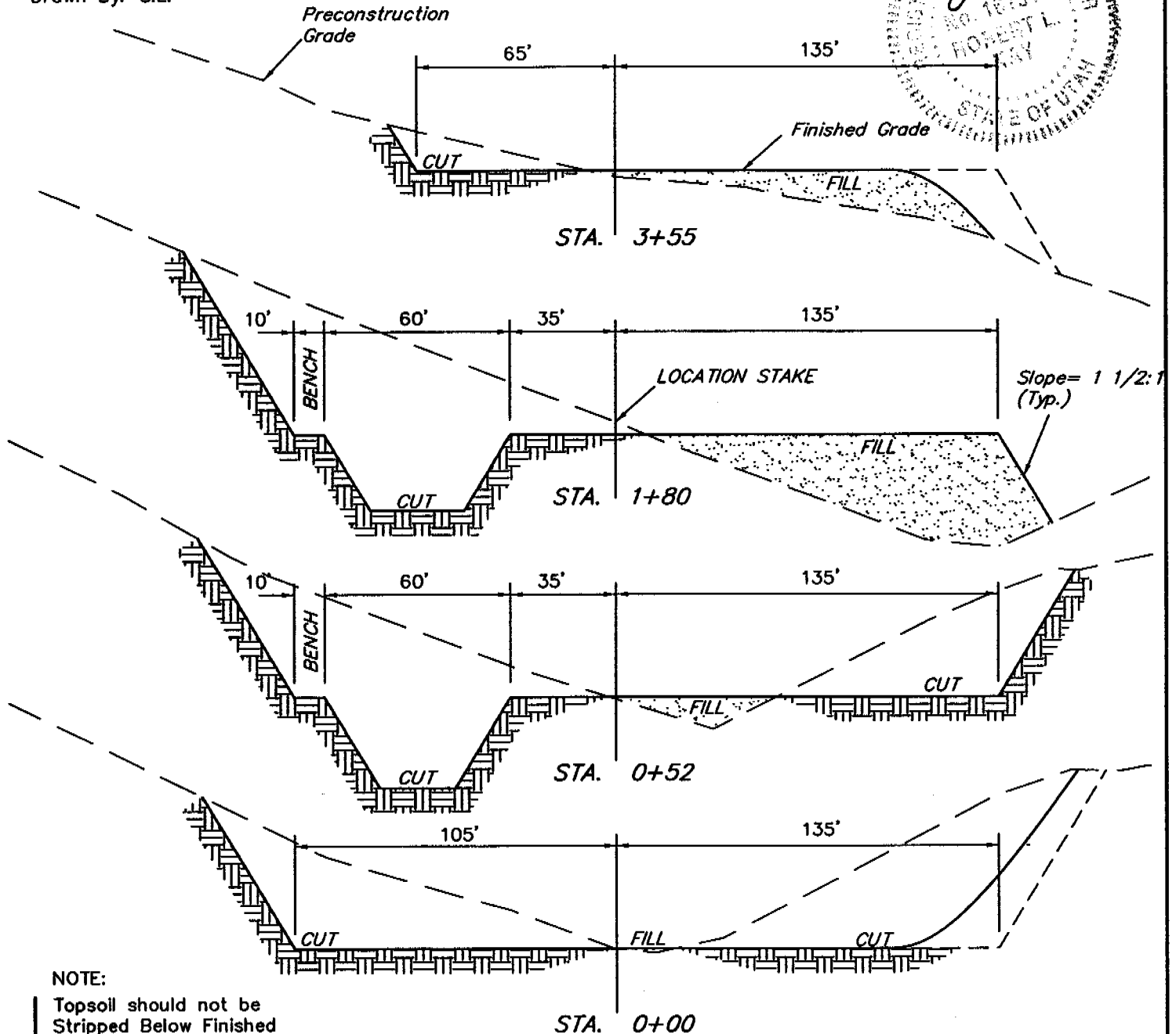
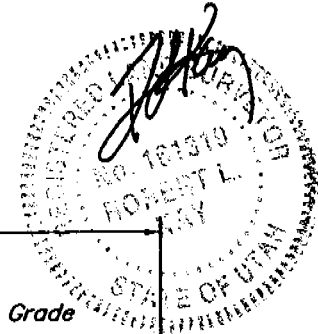
RBU #2-4E

SECTION 4, T10S, R19E, S.L.B.&M.

373' FNL 1656' FEL

1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 02-20-06  
Drawn By: S.L.



### NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

### APPROXIMATE YARDAGES

#### CUT

(12") Topsoil Stripping = 1,960 Cu. Yds.

Remaining Location = 17,400 Cu. Yds.

**TOTAL CUT = 19,360 CU.YDS.**

**FILL = 8,320 CU.YDS.**

### \* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

EXCESS MATERIAL = 11,040 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = 5,300 Cu. Yds.

EXCESS UNBALANCE (After Rehabilitation) = 5,740 Cu. Yds.

**UINTAH ENGINEERING & LAND SURVEYING**

85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

# DOMINION EXPLR. & PROD., INC.

RBU #2-4E

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 4, T10S, R19E, S.L.B.&M.

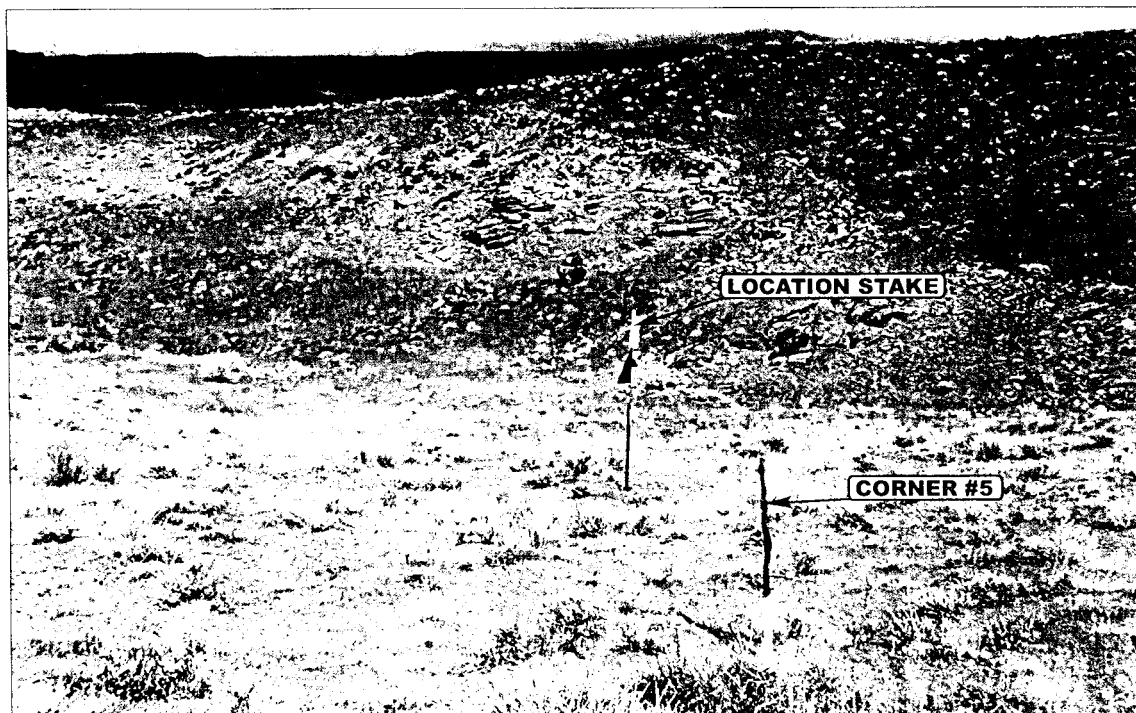


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



Since 1964

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

02 15 06  
MONTH DAY YEAR

PHOTO

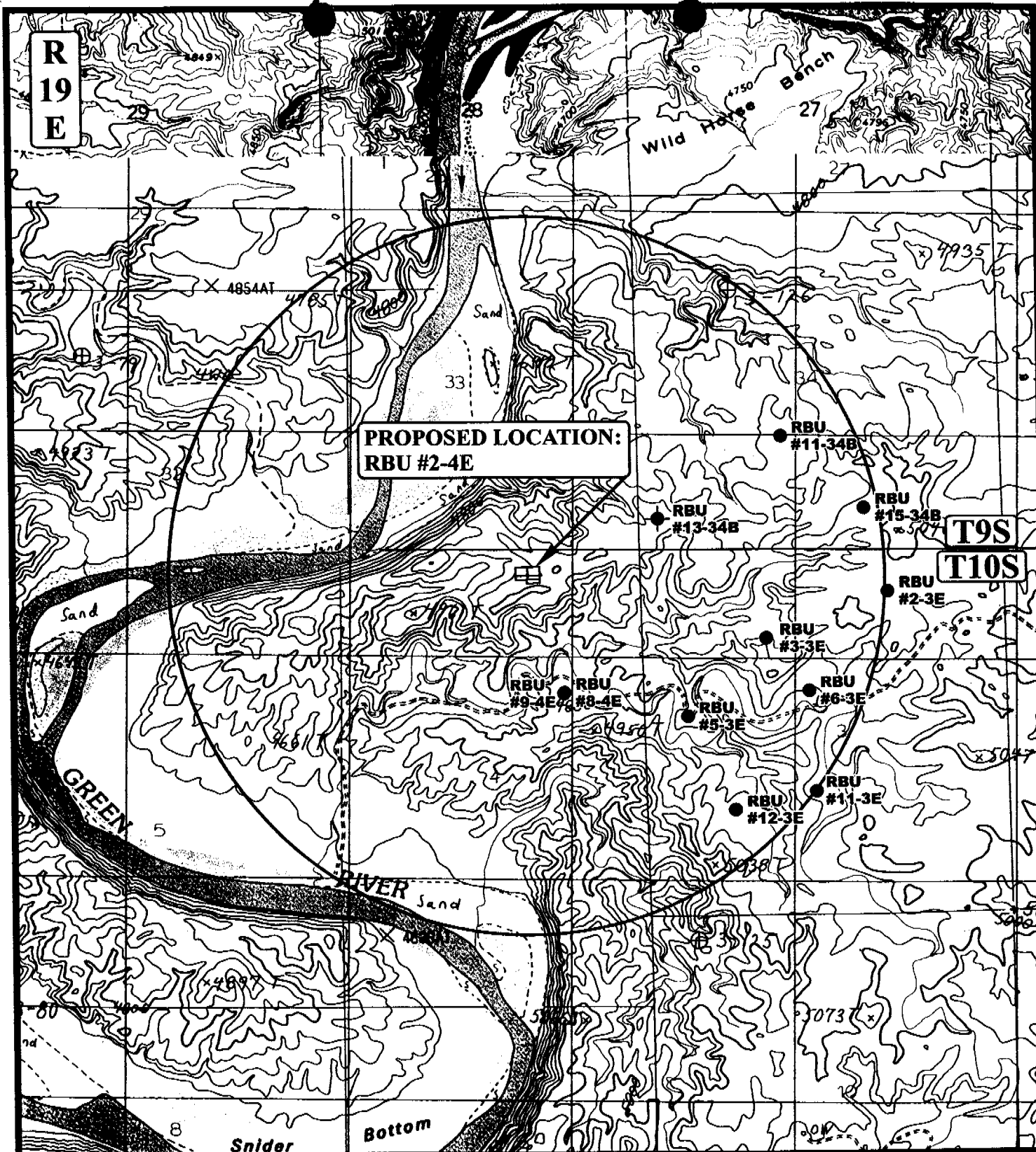
TAKEN BY: B.B.

DRAWN BY: C.P.

REVISED: 00-00-00







# **LEGEND:**

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

## **DOMINION EXPLR. & PROD., INC.**

**RBU #2-4E**  
**SECTION 4, T10S, R19E, S.L.B.&M.**  
**373' FNL 1656' FEL**



**Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



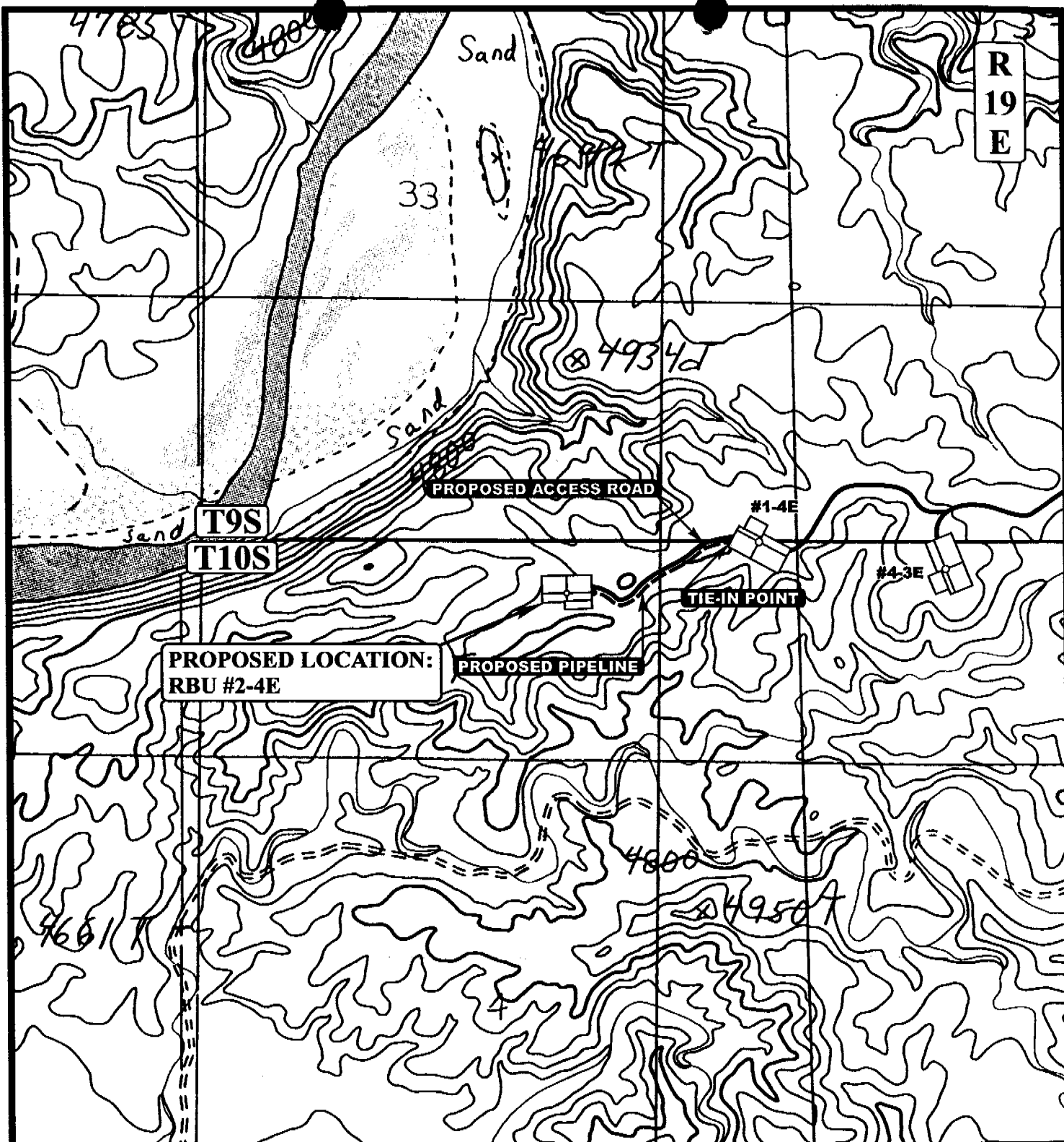
**TOPOGRAPHIC**  
**MAP**

<b>02</b>	<b>15</b>	<b>06</b>
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00







APPROXIMATE TOTAL PIPELINE DISTANCE = 1,159' +/-

**LEGEND:**

———— PROPOSED ACCESS ROAD  
 - - - - - PROPOSED PIPELINE



**DOMINION EXPLR. & PROD., INC.**

RBU #2-4E  
 SECTION 4, T10S, R19E, S.L.B.&M.  
 373' FNL 1656' FEL



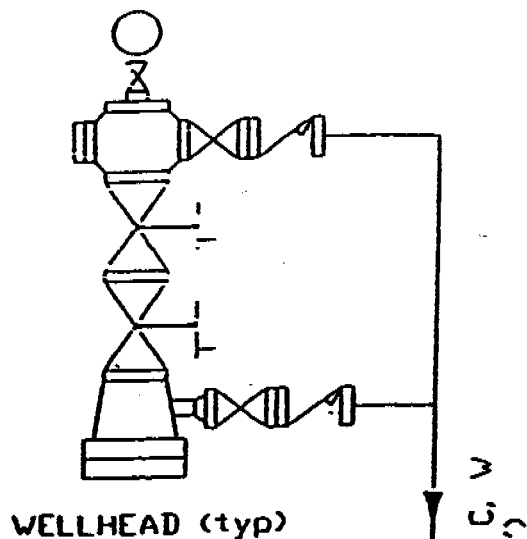
Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC  
 MAP

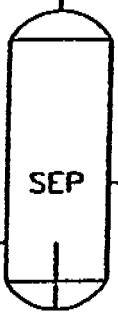
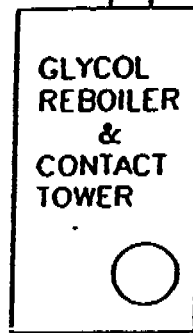
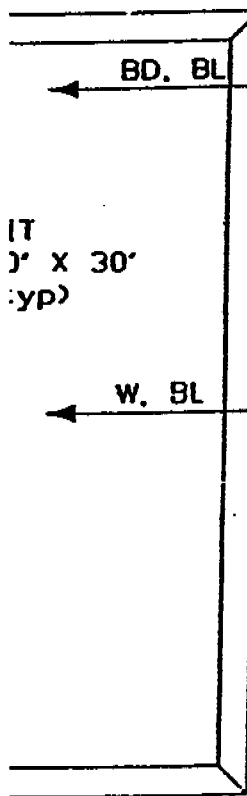
02 15 06  
 MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 00-00-00

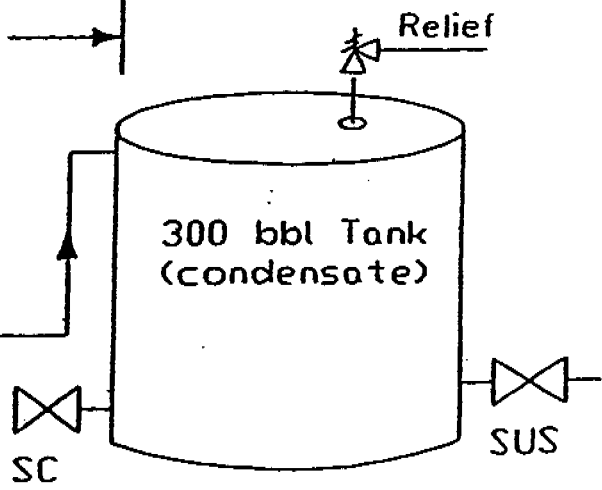




BL, G, C, V  
(± 100')



±100'



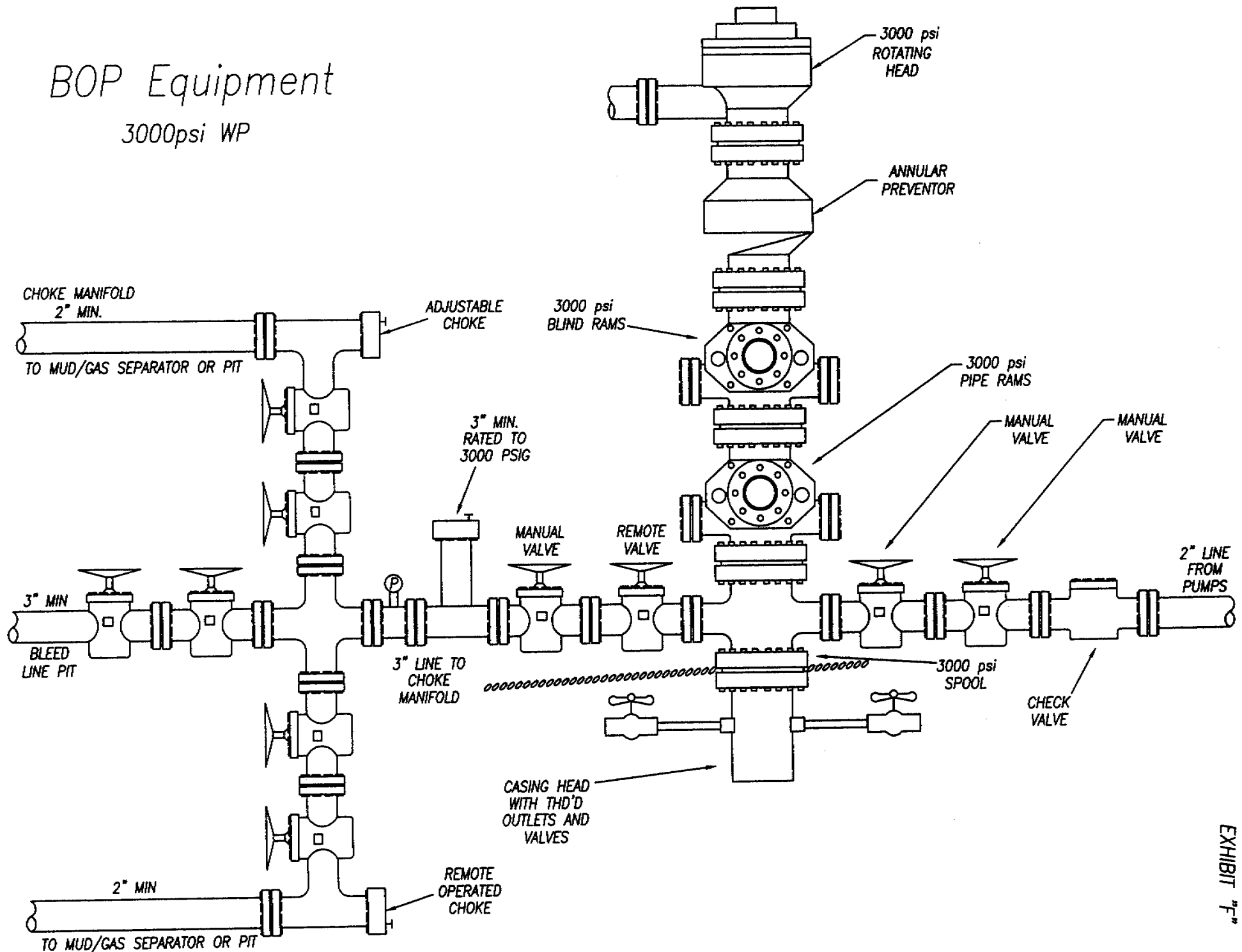
## LEGEND

- O = Oil Line
- G = Gas Line
- W = Water Line
- R = Relief Line (Pressure)
- C = Condensate Line
- V = Vent Line
- D = Drain Line
- M = Gas Meter
- P = Pump
- BP = Back Pressure Valve
- SWS = Sealed When Shipping
- SUS = Sealed Unless Shipping
- T = Heat Traced Line
- H = Heater
- BL = Buried Line
- ⋈ = Valve
- ⋈ = Check Valve
- SC = Sealed Closed Valve
- NC = Normally Closed
- BD = Blowdown Line

The site security plan is on file in DEPI's district office located at 1400 N. State St., Roosevelt, Utah. It can be inspected during office hours, from 6:30 AM thru 3:30 PM, Monday thru Friday..

# BOP Equipment

3000psi WP



**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 06/19/2006

API NO. ASSIGNED: 43-047-38294

WELL NAME: RBW 2-4E

OPERATOR: DOMINION EXPL & PROD ( N1095 )

CONTACT: DON HAMILTON

PHONE NUMBER: 435-650-1886

**PROPOSED LOCATION:**

NWNE 04 100S 190E

SURFACE: 0373 FNL 1656 FEL

BOTTOM: 0700 FNL 2000 FEL

COUNTY: UINTAH

LATITUDE: 39.98275 LONGITUDE: -109.7844

UTM SURF EASTINGS: 603798 NORTHINGS: 4426340

FIELD NAME: NATURAL BUTTES ( 630 )

INSPECT LOCATN BY: / /

**Tech Review**

**Initials**

**Date**

Engineering

Geology

Surface

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-013792

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

**RECEIVED AND/OR REVIEWED:**

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. WY 3322 )

☐ Potash (Y/N)

☐ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit  
(No. 43-10447 )

☐ RDCC Review (Y/N)  
(Date: )

☐ Fee Surf Agreement (Y/N)

☐ Intent to Commingle (Y/N)

**LOCATION AND SITING:**

R649-2-3.

Unit: RIVER BEND

R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

R649-3-3. Exception

Drilling Unit

Board Cause No: \_\_\_\_\_

Eff Date: \_\_\_\_\_

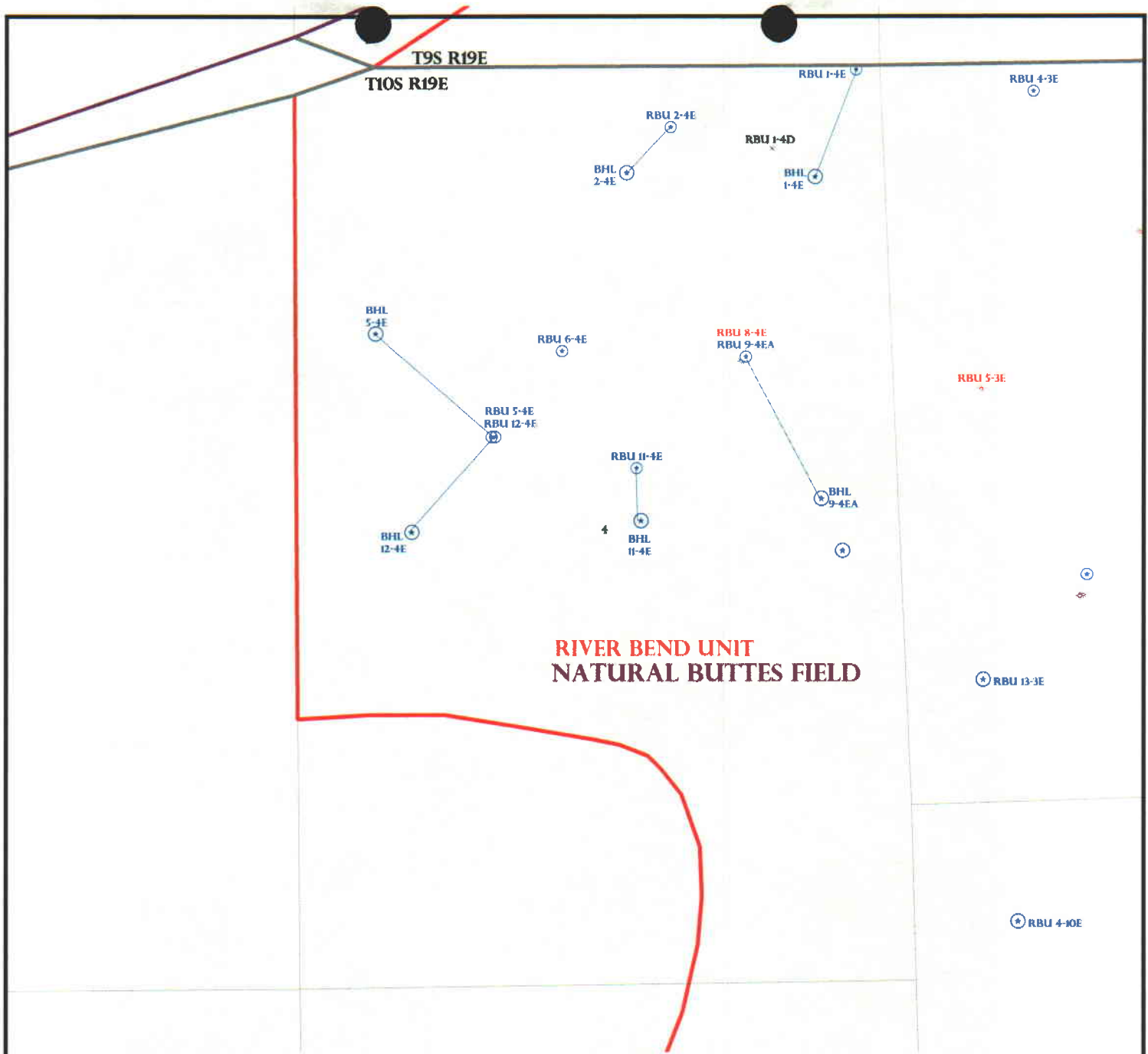
Siting: \_\_\_\_\_

☒ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

*1- Federal Approval*  
*2- Spacing Slip*



OPERATOR: DOMINION EXPL & PROD (N1095)

SEC: 4 T. 10S R. 19E

FIELD: NATURAL BUTTES (630)

COUNTY: UTAH

SPACING: R649-3-11 / DIRECTIONAL DRILLING

**Field Status**

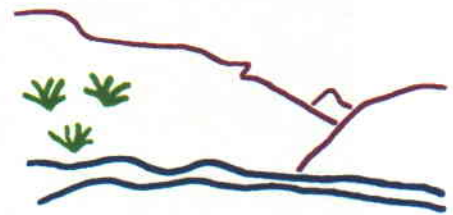
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

**Unit Status**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

**Wells Status**

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 20-JUNE-2006

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

June 20, 2006

### Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2006 Plan of Development River Bend Unit Uintah County,  
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the River Bend Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ MesaVerde)

43-047-38294 RBU 2-4E Sec 4 T10S R19E 0373 FNL 1656 FEL  
BHL Sec 4 T10S R19E 0700 FNL 2000 FEL

43-047-38295 RBU 5-4E Sec 4 T10S R19E 2617 FNL 3054 FEL  
BHL Sec 4 T10S R19E 1800 FNL 0550 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – River Bend Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

June 22, 2006

Dominion Exploration & Production, Inc.  
14000 Quail Springs, Parkway, Suite 600  
Oklahoma City, OK 73134

Re: River Bend Unit 2-4E Well, Surface Location 373' FNL, 1656' FEL, NW NE,  
Sec. 4, T. 10 South, R. 19 East, Bottom Location 700' FNL, 2000' FEL,  
NW NE, Sec. 4, T. 10 South, R. 19 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38294.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Dominion Exploration & Production, Inc.  
Well Name & Number River Bend Unit 2-4E  
API Number: 43-047-38294  
Lease: U-013792

Surface Location: NW NE Sec. 4 T. 10 South R. 19 East  
Bottom Location: NW NE Sec. 4 T. 10 South R. 19 East

### Conditions of Approval

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

#### 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

#### 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

#### 6. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.



RECEIVED

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUN 14 2006

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. <del>U-013792</del> U-03576
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Dominion Exploration & Production, Inc.		7. If Unit or CA Agreement, Name and No. River Bend Unit
3a. Address 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134		8. Lease Name and Well No. RBU 2-4E
3b. Phone No. (include area code) 405-749-5263		9. API Well No. 43-047-38294
4. Location of Well (Report location clearly and in accordance with any State requirements*) At surface 373' FNL & 1,656' FEL, (NW/4 NE/4) Lot 5 At proposed prod. zone 700' FNL, 2,000' FEL, (NW/4 NE/4) Lot 5		10. Field and Pool, or Exploratory Natural Buttes
14. Distance in miles and direction from nearest town or post office* 9.25 miles southwest of Ouray, Utah		11. Sec., T. R. M. or Blk. and Survey or Area Section 4, T10S, R19E, SLB&M
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 373'	16. No. of acres in lease 1,219.460 acres 1,882.20 acres	17. Spacing Unit dedicated to this well 40 acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 1,450'	19. Proposed Depth 9,150' (9,210' MD)	20. BLM/BIA Bond No. on file WY 3322
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4,958' GR	22. Approximate date work will start* 10/15/2006	23. Estimated duration 14 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan.  | 5. Operator certification   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM.             |

25. Signature <i>Don Hamilton</i>	Name (Printed/Typed) Don Hamilton	Date 06/13/2006
Title Agent for Dominion		

Approved by (Signature) <i>Jerry Kenoeka</i>	Name (Printed/Typed) JERRY KENOEKA	Date 3-9-2007
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

CONFIDENTIAL

RECEIVED

MAR 16 2007

DIV. OF OIL, GAS & MINING

ORIGINAL

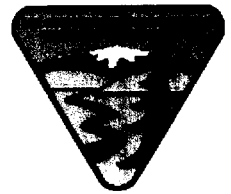
NOTICE OF APPROVAL

UDOGH



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE**

**170 South 500 East      VERNAL, UT 84078      (435) 781-4400**



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

**Company: Dominion Expl. & Prod., Inc.**  
**Well No: RBU 2-4E**  
**API No: 43-047-38294**

**Location: NWNE, Sec 4, T10S, R19E**  
**Lease No: UTU-03576**  
**Agreement: River Bend Unit**

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Petroleum Engineer:	Jim Ashley	Office: 435-781-4470	Cell: 435-828-7874
Petroleum Engineer:	Ryan Angus	Office: 435-781-4430	Cell: 435-828-7368
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Chuck Macdonald	Office: 435-781-4441	
Natural Resource Specialist:	Darren Williams	Office: 435-781-4447	
Natural Resource Specialist:	Verlyn Pindell	Office: 435-781-3402	
<b>After Hours Contact Number: 435-781-4513</b>		<b>Fax: 435-781-4410</b>	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

- |   |   |  |
|---|---|--|
| Location Construction<br>(Notify Karl Wright)           | - | Forty-Eight (48) hours prior to construction of location and access roads.   |
| Location Completion<br>(Notify Karl Wright)             | - | Prior to moving on the drilling rig.   |
| Spud Notice<br>(Notify Petroleum Engineer)              | - | Twenty-Four (24) hours prior to spudding the well.   |
| Casing String & Cementing<br>(Notify Jamie Sparger)     | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings.   |
| BOP & Related Equipment Tests<br>(Notify Jamie Sparger) | - | Twenty-Four (24) hours prior to initiating pressure tests.   |
| First Production Notice<br>(Notify Petroleum Engineer)  | - | Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee will submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the Best Management Practice of the reshaping of the pad to the original contour to the extent possible; the re-spreading of the top soil up to the rig anchor points; and, reseeding the area using appropriate reclamation methods.

The interim seed mix for reclamation would be:

Hy-crest Crested Wheatgrass	<i>Agropyron cristatum</i>	4 lbs per acre
Indian rice grass	<i>Orazopsis hymenoides</i>	4 lbs per acre
Needle and Threadgrass	<i>Stipa comata</i>	4 lbs per acre

- If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.
- Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil re-spread over the surface; and, the surface re-vegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.
- Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

### ***DOWNHOLE CONDITIONS OF APPROVAL***

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

#### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

1. A Cement Bond Log (CBL) shall be run from the TD to the top of cement. A field copy of the CBL shall be submitted to the BLM Vernal Field Office for review.
2. The top of the production casing cement shall extend a minimum of 200 feet above the intermediate casing shoe.

#### **Variance granted:**

Eighty foot long blooie line approved.

#### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

Cement baskets shall not be run on surface casing.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
7. The lessee/operator must report encounters of all non oil and gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including,

at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

**Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - a. Operator name, address, and telephone number.
  - b. Well name and number.
  - c. Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
  - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

- f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - g. Unit agreement and / or participating area name and number, if applicable.
  - h. Communitization agreement number, if applicable.
- 15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
- 17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- 18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address

14000 Quail Springs Pkwy, Ste 600, OKC, OK 73134

3b. Phone No. (include area code)

(405) 749-5237

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SHL: 373' FNL & 1656' FEL, NW NE, Sec. 4-10S-19E

BHL: 700' FNL & 2000' FEL, NW NE, Sec. 4-10S-19E

5. Lease Serial No.

U-013792

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

River Bend Unit

8. Well Name and No.

RBU 2-4E

9. API Well No.

43-047-38294

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>APD Extension</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

The State APD for this well expires 6/22/2007. Dominion respectfully requests a one year extension.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 05-30-2007  
By: [Signature]

COPY SENT TO OPERATOR  
Date: 3-31-07  
Initials: BM

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Barbara Lester

Title Regulatory Specialist

Signature

[Signature]

Date 5/23/2007

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

MAY 29 2007

DEPT OF OIL, GAS & MINING



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-38294  
**Well Name:** RBU 2-4E  
**Location:** 373' FNL & 1656' FEL, Sec. 4-10S-19E  
**Company Permit Issued to:** Dominion Exploration & Production, Inc.  
**Date Original Permit Issued:** 6/22/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

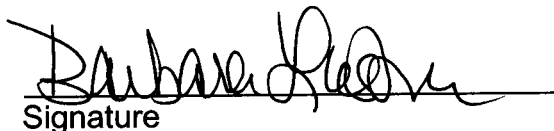
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

  
Signature

5/23/2007

Date

Title: Regulatory Specialist

Representing: Dominion Exploration & Production, Inc.

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MAY 29 2007

DIV. OF OIL, GAS & MINING

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: Dominion Exploration & Production, Inc. Operator Account Number: N1095  
Address: 14000 Quail Springs Parkway, Suite 600  
city Oklahoma City  
state OK zip 73134 Phone Number: 405-749-5237

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-38294	RBU 2-4E		NWNE	4	10S	19E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<i>1B</i>	<i>99999</i>	<i>7050</i>	<i>7/10/2007</i>			<i>7/23/07</i>	
Comments: <i>mVRD = WSMVD</i>							<b>CONFIDENTIAL</b>

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Barbara Lester  
Name (Please Print)  
*Barbara Lester*  
Signature  
Regulatory Specialist      7/11/2007  
Title      Date

**RECEIVED**

**JUL 11 2007**

DIV. OF OIL, GAS & MINING

**CONFIDENTIAL**

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: **Dominion Exploration & Production**

Well Name: **RBU 2-4E**

API No: **43-047-38294** Lease Type: **Federal**

Section **04** Township **10S** Range **19E** County **Uintah**

Drilling Contractor **Bill Jr's** Rig # **6**

**SPUDDED:**

Date **7-10-07**

Time **12:00 PM**

How **Dry**

**Drilling will Commence:** \_\_\_\_\_

Reported by **Pat Wisener**

Telephone # **435-828-1455**

Date **7-12-07** Signed **RM**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an**  
**abandoned well. Use Form 3160-3 (APD) for such proposals.**

*SUBMIT IN TRIPLICATE - Other Instructions on reverse side*

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address

14000 Quail Springs Pkwy, Ste 600, OKC, OK 73134

3b. Phone No. (include area code)

(405) 749-5237

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SHL: 373' FNL & 1656' FEL, NW NE, Sec. 4-10S-19E

BHL: 700' FNL & 2000' FEL, NW NE, Sec. 4-10S-19E

5. Lease Serial No.

U-013792

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

River Bend Unit

8. Well Name and No.

RBU 2-4E

9. API Well No.

43-047-38294

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Well
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

7/10/07 - Spud well. Ran 12 jts 13-3/8", 48#, H-40, ST&C csg set @ 516'. Cmt w/500 sks Class G, 15.8 ppg, 1.15 yld. 20 bbls to surface.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Barbara Lester

Title Regulatory Specialist

Signature

*Barbara Lester*

Date 7/16/2007

THIS SPACE FOR FEDERAL OR STATE OFFICIAL USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

JUL 20 2007

DIV. OF OIL, GAS & MINING

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: XTO ENERGY INC. Operator Account Number: N 2615  
Address: 2700 FARMINGTON AVE K #1  
city FARMINGTON  
state NM zip 87401 Phone Number: (505) 324-1090

**Well 1**

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304738548	RBU 32-13E	NESE	13	10S	19E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
<i>AB</i>		<i>7050</i>	7/16/2007			
<b>Comments:</b> DOMINION E&P SPURRED THIS WELL. XTO ENERGY ASSUMED OWNERSHIP 8/1/2007. <div style="text-align: right;"><i>processed 7/23/07</i></div>						

**Well 2**

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304738294	RBU 2-4E	NWNE	4	10S	19E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
<i>AB</i>		<i>7050</i>	7/10/2007			
<b>Comments:</b> DOMINION E&P SPURRED THIS WELL. XTO ENERGY ASSUMED OWNERSHIP 8/1/2007. <div style="text-align: right;"><i>processed 7/23/07</i></div>						

**Well 3**

API Number	Well Name	QQ	Sec	Twp	Rng	County
4301530633	SKYLINE UNIT 1-6	NENE	6	16S	6E	EMERY
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
<i>A</i>	<i>99999</i>	<i>16418</i>	7/29/2007	<i>10/17/07</i>		
<b>Comments:</b> DOMINION E&P SPURRED THIS WELL. XTO ENERGY ASSUMED OWNERSHIP 8/1/2007. <div style="text-align: center;"><i>TRUNK</i></div>						

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

HOLLY C. PERKINS

Name (Please Print)

Signature

Regulatory Compliance Tech

Title

8/7/2007

Date

**RECEIVED**

**AUG 10 2007**

CONFIDENTIAL

FORM 9

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U-013792
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 2700 Farmington Ave. CITY Farmington STATE NM ZIP 87401		7. UNIT or CA AGREEMENT NAME: RIVER BEND UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 373' FNL & 1656' FEL		8. WELL NAME and NUMBER: RBU 2-4E
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 4 10S 19E		9. API NUMBER: 4304738294
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES WSGRRV
STATE: UTAH		

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 8/10/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: TD
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

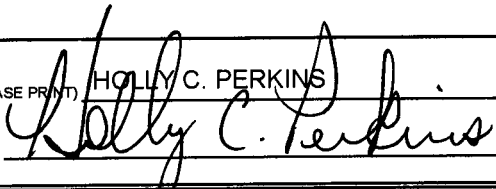
Dominion E&P filed spud notice 7/16/2007 on this well.

XTO Energy drilled 12-1/4" hole & set 67 joints 9-5/8", 36#, J55 casing @ 2762' with 300 sx Class G cement followed by 325 sx Class A cement.

XTO reached driller's TD of 9210' KB on 8/10/2007.

XTO drilled 7-7/8" hole & set 212 jts 5-1/2", 17#, N80 casing @ 9201' with 215 sx Class HFC cement followed by 700 sx Class HLPP cement.

Rig released. Waiting on completion.

NAME (PLEASE PRINT) HOLLY C. PERKINS	TITLE REGULATORY COMPLIANCE TECH
SIGNATURE 	DATE 8/15/2007

(This space for State use only)

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AUG 20 2007

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ
2. CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

7/1/2007

**FROM: (Old Operator):**

N1095-Dominion Exploration & Production, Inc  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

Phone: 1 (405) 749-1300

**TO: ( New Operator):**

N2615-XTO Energy Inc  
810 Houston St  
Fort Worth, TX 76102

Phone: 1 (817) 870-2800

CA No.				Unit:		RIVER BEND		
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/6/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/6/2007
- a. Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 5655506-0143
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: \_\_\_\_\_
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 9/27/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/27/2007
- Bond information entered in RBDMS on: 9/27/2007
- Fee/State wells attached to bond in RBDMS on: 9/27/2007
- Injection Projects to new operator in RBDMS on: 9/27/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000138
  - Indian well(s) covered by Bond Number: n/a
  - a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
  - b. The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008
- The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: XTO Energy Inc. <i>N2615</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 810 Houston Street CITY Fort Worth STATE TX ZIP 76102		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (817) 870-2800		8. WELL NAME and NUMBER: SEE ATTACHED
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		9. API NUMBER: SEE ATTACHED
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc.  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

*N1095*

*James D. Abercrombie*  
James D. Abercrombie  
Sr. Vice President, General Manager - Western Business Unit  
*(405) 749-1300*

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) <u>Edwin S. Ryan, Jr.</u>	TITLE <u>Sr. Vice President - Land Administration</u>
SIGNATURE <i>Edwin S. Ryan, Jr.</i>	DATE <u>7/31/2007</u>

(This space for State use only)

APPROVED *9127107*

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

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AUG 06 2007

DIV. OF OIL, GAS & MINING



N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304730087	OSCU 2	NWSE	03	100S	200E	U-037164	7050	Federal	GW	P
4304730266	RBU 11-18F	NESW	18	100S	200E	U-013793	7050	Federal	GW	P
4304730374	RBU 11-13E	NESW	13	100S	190E	U-013765	7050	Federal	GW	P
4304730375	RBU 11-15F	NESW	15	100S	200E	U-7206	7050	Federal	GW	P
4304730376	RBU 7-21F	SWNE	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304730405	RBU 11-19F	NESW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304730408	RBU 11-10E	NESW	10	100S	190E	U-013792	7050	Federal	GW	P
4304730410	RBU 11-14E	NESW	14	100S	190E	U-013792	7050	Federal	GW	P
4304730411	RBU 11-23E	NESW	23	100S	190E	U-013766	7050	Federal	GW	P
4304730412	RBU 11-16F	NESW	16	100S	200E	U-7206	7050	Federal	GW	P
4304730585	RBU 7-11F	SWNE	11	100S	200E	U-01790	7050	Federal	GW	P
4304730689	RBU 11-3F	NESW	03	100S	200E	U-013767	7050	Federal	GW	P
4304730720	RBU 7-3E	SWNE	03	100S	190E	U-013765	7050	Federal	GW	P
4304730759	RBU 11-24E	NESW	24	100S	190E	U-013794	7050	Federal	GW	P
4304730761	RBU 7-10F	SWNE	10	100S	200E	U-7206	7050	Federal	GW	P
4304730762	RBU 6-20F	SENE	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304730768	RBU 7-22F	SWNE	22	100S	200E	14-20-H62-2646	7050	Indian	GW	P
4304730887	RBU 16-3F	SESE	03	100S	200E	U-037164	7050	Federal	GW	P
4304730915	RBU 1-15E	NENE	15	100S	190E	U-013766	7050	Federal	GW	P
4304730926	RBU 1-14E	NENE	14	100S	190E	U-013792	7050	Federal	GW	P
4304730927	RBU 1-22E	NENE	22	100S	190E	U-013792	7050	Federal	GW	P
4304730970	RBU 1-23E	NENE	23	100S	190E	U-013766	7050	Federal	GW	P
4304730971	RBU 4-19F	NWNW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304730973	RBU 13-11F	SWSW	11	100S	200E	U-7206	7050	Federal	WD	A
4304731046	RBU 1-10E	NWNE	10	100S	190E	U-013792	7050	Federal	GW	S
4304731115	RBU 16-16F	SESE	16	100S	200E	U-7206	7050	Federal	GW	P
4304731140	RBU 12-18F	NWSW	18	100S	200E	U-013793	7050	Federal	GW	P
4304731141	RBU 3-24E	NENW	24	100S	190E	U-013794	7050	Federal	GW	P
4304731143	RBU 3-23E	NENW	23	100S	190E	U-013766	7050	Federal	GW	P
4304731144	RBU 9-23E	NESE	23	100S	190E	U-013766	7050	Federal	GW	P
4304731145	RBU 9-14E	NESE	14	100S	190E	U-013792	7050	Federal	GW	P
4304731160	RBU 3-15E	NENW	15	100S	190E	U-013766	7050	Federal	GW	P
4304731161	RBU 10-15E	NWSE	15	100S	190E	U-013766	7050	Federal	GW	P
4304731176	RBU 9-10E	NESE	10	100S	190E	U-013792	7050	Federal	GW	P
4304731196	RBU 3-14E	SENE	14	100S	190E	U-013792	7050	Federal	GW	P
4304731252	RBU 8-4E	SENE	04	100S	190E	U-013792	7050	Federal	GW	P
4304731322	RBU 1-19F	NENE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304731323	RBU 5-10E	SWNW	10	100S	190E	U-013792	7050	Federal	GW	P
4304731369	RBU 3-13E	NENW	13	100S	190E	U-013765	7050	Federal	GW	P
4304731518	RBU 16-3E	SESE	03	100S	190E	U-035316	7050	Federal	GW	P
4304731519	RBU 11-11F	NESW	11	100S	200E	U-7206	7050	Federal	GW	P
4304731520	RBU 1-17F	NENE	17	100S	200E	U-013769-B	7050	Federal	GW	P
4304731605	RBU 9-13E	NESE	13	100S	190E	U-013765	7050	Federal	GW	P
4304731606	RBU 3-22E	NENW	22	100S	190E	U-013792	7050	Federal	GW	P
4304731607	RBU 8-24E	SENE	24	100S	190E	U-013794	7050	Federal	GW	P
4304731608	RBU 15-18F	SWSE	18	100S	200E	U-013794	7050	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well name	qtr	qtr	sec	tpw	rng	lease num	entity	Lease	well	stat
4304731613	RBU 5-11F	SWNW	11	100S	200E	U-7206	7050	Federal	GW	P	
4304731615	RBU 4-22F	NWNW	22	100S	200E	U-0143521-A	7050	Federal	GW	S	
4304731652	RBU 6-17E	SWNW	17	100S	190E	U-03535	7050	Federal	GW	P	
4304731715	RBU 5-13E	SWNW	13	100S	190E	U-013765	7050	Federal	GW	P	
4304731717	RBU 13-13E	SWSW	13	100S	190E	U-013765	7050	Federal	GW	P	
4304731739	RBU 9-9E	NESE	09	100S	190E	U-03505	7050	Federal	GW	P	
4304732033	RBU 13-14E	SWSW	14	100S	190E	U-013792	7050	Federal	GW	P	
4304732037	RBU 11-3E	NESW	03	100S	190E	U-013765	7050	Federal	GW	P	
4304732038	RBU 6-18F	SENE	18	100S	200E	U-013769	7050	Federal	GW	P	
4304732040	RBU 15-24E	SWSE	24	100S	190E	U-013794	7050	Federal	GW	P	
4304732041	RBU 5-14E	SWNW	14	100S	190E	U-013792	7050	Federal	GW	P	
4304732050	RBU 12-20F	NWSW	20	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732051	RBU 7-13E	SWNE	13	100S	190E	U-013765	7050	Federal	GW	P	
4304732070	RBU 16-19F	SESE	19	100S	200E	U-013769-A	7050	Federal	WD	A	
4304732071	RBU 9-22E	NESE	22	100S	190E	U-013792	7050	Federal	GW	P	
4304732072	RBU 15-34B	SWSE	34	090S	190E	U-01773	7050	Federal	GW	P	
4304732073	RBU 11-15E	NESW	15	100S	190E	U-013766	7050	Federal	GW	P	
4304732074	RBU 13-21F	SWSW	21	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732075	RBU 10-22F	NWSE	22	100S	200E	U-01470-A	7050	Federal	GW	P	
4304732081	RBU 9-20F	NESE	20	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732082	RBU 15-23E	SWSE	23	100S	190E	U-013766	7050	Federal	GW	P	
4304732083	RBU 13-24E	SWSW	24	100S	190E	U-013794	7050	Federal	GW	P	
4304732095	RBU 3-21E	NENW	21	100S	190E	U-013766	7050	Federal	GW	P	
4304732103	RBU 15-17F	SWSE	17	100S	200E	U-013769-C	7050	Federal	GW	P	
4304732105	RBU 13-19F	SWSW	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304732107	RBU 1-21E	NENE	21	100S	190E	U-013766	7050	Federal	GW	P	
4304732128	RBU 9-21E	NESE	21	100S	190E	U-013766	7050	Federal	GW	P	
4304732129	RBU 9-17E	NESE	17	100S	190E	U-03505	7050	Federal	GW	P	
4304732133	RBU 13-14F	SWSW	14	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732134	RBU 9-11F	NESE	11	100S	200E	U-7206	7050	Federal	GW	P	
4304732138	RBU 5-21F	SWNW	21	100S	200E	U-013793	7050	Federal	GW	P	
4304732146	RBU 1-20E	NENE	20	100S	190E	U-03505	7050	Federal	GW	P	
4304732149	RBU 8-18F	SENE	18	100S	200E	U-013769	7050	Federal	GW	P	
4304732153	RBU 13-23E	SWSW	23	100S	190E	U-13766	7050	Federal	GW	P	
4304732154	RBU 5-24E	SWNW	24	100S	190E	U-013794	7050	Federal	GW	P	
4304732156	RBU 5-14F	SWNW	14	100S	200E	U-013793A	7050	Federal	GW	P	
4304732166	RBU 7-15E	SWNE	15	100S	190E	U-013766	7050	Federal	GW	P	
4304732167	RBU 15-13E	SWSE	13	100S	190E	U-013765	7050	Federal	GW	P	
4304732189	RBU 13-10F	SWSW	10	100S	200E	14-20-H62-2645	7050	Indian	GW	P	
4304732190	RBU 15-10E	SWSE	10	100S	190E	U-013792	7050	Federal	GW	P	
4304732191	RBU 3-17FX	NENW	17	100S	200E	U-013769-C	7050	Federal	GW	P	
4304732197	RBU 13-15E	SWSW	15	100S	190E	U-013766	7050	Federal	GW	P	
4304732198	RBU 7-22E	SWNE	22	100S	190E	U-013792	7050	Federal	GW	P	
4304732199	RBU 5-23E	SWNW	23	100S	190E	U-013766	7050	Federal	GW	P	
4304732201	RBU 13-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	S	
4304732211	RBU 15-15E	SWSE	15	100S	190E	U-013766	7050	Federal	GW	P	

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304732213	RBU 5-19F	SWNW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304732217	RBU 9-17F	NESE	17	100S	200E	U-013769-C	7050	Federal	GW	P
4304732219	RBU 15-14E	SWSE	14	100S	190E	U-013792	7050	Federal	GW	P
4304732220	RBU 5-3E	SWNW	03	100S	190E	U-03505	7050	Federal	GW	P
4304732228	RBU 9-3E	NESE	03	100S	190E	U-035316	7050	Federal	GW	P
4304732239	RBU 7-14E	SWNE	14	100S	190E	U-103792	7050	Federal	GW	P
4304732240	RBU 9-14F	NESE	14	100S	200E	U-013793-A	7050	Federal	GW	P
4304732242	RBU 5-22E	SWNW	22	100S	190E	U-013792	7050	Federal	GW	P
4304732263	RBU 8-13E	SENE	13	100S	190E	U-013765	7050	Federal	GW	P
4304732266	RBU 9-21F	NESE	21	100S	200E	U-0143520-A	7050	Federal	GW	P
4304732267	RBU 5-10F	SWNW	10	100S	200E	U-7206	7050	Federal	GW	P
4304732268	RBU 9-10F	NESE	10	100S	200E	U-7206	7050	Federal	GW	P
4304732269	RBU 4-15F	NWNW	15	100S	200E	INDIAN	7050	Indian	GW	PA
4304732270	RBU 14-22F	SESW	22	100S	200E	U-0143519	7050	Federal	GW	P
4304732276	RBU 5-21E	SWNW	21	100S	190E	U-013766	7050	Federal	GW	P
4304732289	RBU 7-10E	SWNE	10	100S	190E	U-013792	7050	Federal	GW	P
4304732290	RBU 5-17F	SWNW	17	100S	200E	U-013769-C	7050	Federal	GW	P
4304732293	RBU 3-3E	NENW	03	100S	190E	U-013765	7050	Federal	GW	P
4304732295	RBU 13-22E	SWSW	22	100S	190E	U-013792	7050	Federal	GW	P
4304732301	RBU 7-21E	SWNE	21	100S	190E	U-013766	7050	Federal	GW	P
4304732309	RBU 15-21F	SWSE	21	100S	200E	U-0143520-A	7050	Federal	GW	P
4304732310	RBU 15-20F	SWSE	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304732312	RBU 9-24E	NESE	24	100S	190E	U-013794	7050	Federal	GW	P
4304732313	RBU 3-20F	NENW	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304732315	RBU 11-21F	NESW	21	100S	200E	U-0143520-A	7050	Federal	GW	P
4304732317	RBU 15-22E	SWSE	22	100S	190E	U-013792	7050	Federal	GW	P
4304732328	RBU 3-19FX	NENW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304732331	RBU 2-11F	NWNE	11	100S	200E	U-01790	7050	Federal	GW	P
4304732347	RBU 3-11F	NENW	11	100S	200E	U-7206	7050	Federal	GW	P
4304732391	RBU 2-23F	NWNE	23	100S	200E	U-013793-A	7050	Federal	GW	S
4304732392	RBU 11-14F	NESW	14	100S	200E	U-013793-A	7050	Federal	GW	P
4304732396	RBU 3-21F	NENW	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304732407	RBU 15-14F	SWSE	14	100S	200E	U-013793-A	7050	Federal	GW	P
4304732408	RBU 4-23F	NWNW	23	100S	200E	U-013793-A	7050	Federal	GW	P
4304732415	RBU 3-10EX (RIG SKID)	NENW	10	100S	190E	UTU-035316	7050	Federal	GW	P
4304732483	RBU 5-24EO	SWNW	24	100S	190E	U-013794	11719	Federal	OW	S
4304732512	RBU 8-11F	SENE	11	100S	200E	U-01790	7050	Federal	GW	P
4304732844	RBU 15-15F	SWSE	15	100S	200E	14-20-H62-2646	7050	Indian	GW	P
4304732899	RBU 3-14F	NENW	14	100S	200E	U-013793-A	7050	Federal	GW	P
4304732900	RBU 8-23F	SENE	23	100S	200E	U-013793-A	7050	Federal	GW	P
4304732901	RBU 12-23F	NWSW	23	100S	200E	U-01470-A	7050	Federal	GW	P
4304732902	RBU 1-15F	NENE	15	100S	200E	U-7260	7050	Federal	GW	S
4304732903	RBU 3-15F	NENW	15	100S	200E	U-7260	7050	Federal	GW	P
4304732904	RBU 9-15F	NESE	15	100S	200E	U-7260	7050	Federal	GW	P
4304732934	RBU 3-10F	NENW	10	100S	200E	U-7206	7050	Federal	GW	P
4304732969	RBU 11-10F	NESW	10	100S	200E	U-7206	7050	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304732970	RBU 12-15F	NWSW	15	100S	200E	U-7206	7050	Federal	GW	P
4304732971	RBU 15-16F	SWSE	16	100S	200E	U-7206	7050	Federal	GW	S
4304732972	RBU 1-21F	NENE	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304732989	RBU 13-10E	SWSW	10	100S	190E	U-013792	7050	Federal	GW	P
4304732990	RBU 13-18F2	SWSW	18	100S	200E	U-013793	7050	Federal	GW	P
4304732991	RBU 6-19F	SENE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304733033	RBU 7-23E	NWNE	23	100S	190E	U-013766	7050	Federal	GW	P
4304733034	RBU 9-18F	NESE	18	100S	200E	U-013794	7050	Federal	GW	P
4304733035	RBU 14-19F	SESW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304733087	RBU 6-23F	SENE	23	100S	200E	U-013793-A	7050	Federal	GW	P
4304733088	RBU 1-10F	NENE	10	100S	200E	U-7206	7050	Federal	GW	P
4304733089	RBU 8-22F	SENE	22	100S	200E	U-0143521	7050	Federal	GW	P
4304733090	RBU 11-22F	NESW	22	100S	200E	U-0143519	7050	Federal	GW	P
4304733091	RBU 16-22F	SESE	22	100S	200E	U-01470-A	7050	Federal	GW	P
4304733156	RBU 4-14E	NWNW	14	100S	190E	U-013792	7050	Federal	GW	P
4304733157	RBU 7-19F	SWNE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304733158	RBU 7-20F	SWNE	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304733159	RBU 7-24E	SWNE	24	100S	190E	U-013794	7050	Federal	GW	P
4304733160	RBU 8-15E	SENE	15	100S	190E	U-013766	7050	Federal	GW	P
4304733161	RBU 16-10E	SESE	10	100S	190E	U-013792	7050	Federal	GW	P
4304733194	RBU 2-14E	NWNE	14	100S	190E	U-013792	7050	Federal	GW	P
4304733272	RBU 13-3F	SWSW	03	100S	200E	U-013767	7050	Federal	GW	P
4304733361	RBU 5-3F	SWNW	03	100S	200E	U-013767	7050	Federal	GW	P
4304733362	RBU 15-10F	SWSE	10	100S	200E	U-7206	7050	Federal	GW	P
4304733363	RBU 5-16F	SWNW	16	100S	200E	U-7206	7050	Federal	GW	P
4304733365	RBU 12-14E	NWSW	14	100S	190E	U-013792	7050	Federal	GW	P
4304733366	RBU 5-18F	SWNW	18	100S	200E	U-013769	7050	Federal	GW	P
4304733367	RBU 10-23F	NWSE	23	100S	200E	U-01470-A	7050	Federal	GW	P
4304733368	RBU 14-23F	SESW	23	100S	200E	U-01470-A	7050	Federal	GW	S
4304733424	RBU 5-20F	SWNW	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304733643	RBU 2-13E	NWNE	13	100S	190E	U-013765	7050	Federal	GW	P
4304733644	RBU 4-13E	NWNW	13	100S	190E	U-013765	7050	Federal	GW	P
4304733714	RBU 4-23E	NWNW	23	100S	190E	U-013766	7050	Federal	GW	P
4304733715	RBU 6-13E	SENE	13	100S	190E	U-013765	7050	Federal	GW	P
4304733716	RBU 10-14E	NWSE	14	100S	190E	U-013792	7050	Federal	GW	P
4304733838	RBU 8-10E	SENE	10	100S	190E	U-013792	7050	Federal	GW	P
4304733839	RBU 12-23E	NWSW	23	100S	190E	U-013766	7050	Federal	GW	P
4304733840	RBU 12-24E	NWSW	24	100S	190E	U-013794	7050	Federal	GW	P
4304733841	RBU 14-23E	SESW	23	100S	190E	U-013766	7050	Federal	GW	P
4304734302	RBU 1-23F	NENE	23	100S	200E	UTU-013793-A	7050	Federal	GW	P
4304734661	RBU 16-15E	SESE	15	100S	190E	U-013766	7050	Federal	GW	P
4304734662	RBU 10-14F	NWSE	14	100S	200E	U-013793-A	7050	Federal	GW	P
4304734663	RBU 6-14E	SENE	14	100S	190E	U-013792	7050	Federal	GW	P
4304734670	RBU 8-23E	NENE	23	100S	190E	U-013766	7050	Federal	GW	P
4304734671	RBU 4-24E	NENE	23	100S	190E	U-013766	7050	Federal	GW	P
4304734701	RBU 12-11F	SENE	11	100S	200E	U-7206	7050	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304734702	RBU 2-15E	NWNE	15	100S	190E	U-013766	7050	Federal	GW	P
4304734703	RBU 4-17F	NWNW	17	100S	200E	U-013769-C	7050	Federal	GW	P
4304734745	RBU 10-20F	NESE	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304734749	RBU 7-18F	SWNE	18	100S	200E	U-013769	7050	Federal	GW	P
4304734750	RBU 12-10F	SWSW	10	100S	200E	14-20-H62-2645	7050	Indian	GW	P
4304734810	RBU 10-13E	NWSE	13	100S	190E	U-013765	7050	Federal	GW	P
4304734812	RBU 1-24E	NENE	24	100S	190E	U-013794	7050	Federal	GW	P
4304734826	RBU 12-21F	NESE	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304734828	RBU 4-15E	NWNW	15	100S	190E	U-013766	7050	Federal	GW	P
4304734844	RBU 14-14E	SESW	14	100S	190E	U-013792	7050	Federal	GW	P
4304734845	RBU 10-24E	NWSE	24	100S	190E	U-013794	7050	Federal	GW	P
4304734888	RBU 4-21E	NWNW	21	100S	190E	U-013766	7050	Federal	GW	P
4304734889	RBU 16-24E	SESE	24	100S	190E	U-13794	7050	Federal	GW	P
4304734890	RBU 12-18F2	NWSW	18	100S	200E	U-013793	7050	Federal	GW	P
4304734891	RBU 10-23E	NESW	23	100S	190E	U-013766	7050	Federal	GW	P
4304734892	RBU 8-22E	SENE	22	100S	190E	U-013792	7050	Federal	GW	P
4304734906	RBU 6-22E	SENE	22	100S	190E	U-013792	7050	Federal	GW	P
4304734907	RBU 2-24E	NWNE	24	100S	190E	U-013794	7050	Federal	GW	P
4304734910	RBU 4-16F	NWNW	16	100S	200E	U-7206	7050	Federal	GW	P
4304734911	RBU 12-19F	NWSW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304734912	RBU 14-20F	SESW	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304734942	RBU 1-22F	NWNW	23	100S	200E	U-013793-A	7050	Federal	GW	P
4304734945	RBU 8-19F	SENE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304734946	RBU 8-20F	SENE	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304734962	RBU 12-17F	NWSW	17	100S	200E	U-013769-C	7050	Federal	GW	P
4304734963	RBU 2-17F	NWNE	17	100S	200E	U-013769-C	14117	Federal	GW	P
4304734966	RBU 14-18F	SESW	18	100S	200E	U-013793	7050	Federal	GW	P
4304734967	RBU 10-18F	NWSE	18	100S	200E	U-013794	7050	Federal	GW	P
4304734968	RBU 10-19F	NWSE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304734969	RBU 10-3E	NWSE	03	100S	190E	U-035316	7050	Federal	GW	P
4304734970	RBU 12-3E	NWSW	03	100S	190E	U-013765	7050	Federal	GW	P
4304734971	RBU 15-3E	SWSE	03	100S	190E	U-35316	7050	Federal	GW	P
4304734974	RBU 12-10E	NWSW	10	100S	190E	U-013792	14025	Federal	GW	P
4304734975	RBU 14-10E	NENW	15	100S	190E	U-013766	7050	Federal	GW	P
4304734976	RBU 16-13E	SESE	13	100S	190E	U-013765	7050	Federal	GW	P
4304734977	RBU 8-14E	SENE	14	100S	190E	U-013792	7050	Federal	GW	P
4304734978	RBU 6-15E	SENE	15	100S	190E	U-013766	7050	Federal	GW	P
4304734979	RBU 12-15E	NWSW	15	100S	190E	U-013766	7050	Federal	GW	P
4304734981	RBU 16-17E	SESE	17	100S	190E	U-013766	7050	Federal	GW	P
4304734982	RBU 8-21E	SENE	21	100S	190E	U-013766	7050	Federal	GW	P
4304734983	RBU 4-22E	NWNW	22	100S	190E	U-013792	7050	Federal	GW	P
4304734986	RBU 2-20F	NWNE	20	100S	200E	U-03505	7050	Federal	GW	P
4304734987	RBU 9-20E	SWNW	21	100S	190E	U-03505	7050	Federal	GW	P
4304734989	RBU 7-20E	NENE	20	100S	190E	U-03505	7050	Federal	GW	P
4304734990	RBU 8-20E	SWNW	21	100S	190E	U-03505	14164	Federal	GW	P
4304735041	RBU 16-23E	SWSE	23	100S	190E	U-013766	7050	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

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api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304735042	RBW 12-22E	NWSW	22	100S	190E	U-013792	14165	Federal	GW	P
4304735058	RBW 7-23F	SWNE	23	100S	200E	U-013793-A	7050	Federal	GW	P
4304735059	RBW 12-13E	NWSW	13	100S	190E	U-013765	7050	Federal	GW	P
4304735060	RBW 14-13E	SESW	13	100S	190E	U-013765	7050	Federal	GW	P
4304735061	RBW 2-22E	NWNE	22	100S	190E	U-013792	7050	Federal	GW	P
4304735062	RBW 6-24E	SENE	24	100S	190E	U-013794	7050	Federal	GW	P
4304735082	RBW 4-17E	NWNW	17	100S	190E	U-03505	7050	Federal	GW	P
4304735086	RBW 16-14E	NENE	23	100S	190E	U-013792	7050	Federal	GW	P
4304735087	RBW 2-3E	NWNE	03	100S	190E	U-013765	7050	Federal	GW	P
4304735088	RBW 6-3E	SENE	03	100S	190E	U-03505	7050	Federal	GW	P
4304735100	RBW 10-10E	NWSE	10	100S	190E	U-013792	7050	Federal	GW	P
4304735101	RBW 16-22E	SESE	22	100S	190E	U-013792	7050	Federal	GW	P
4304735112	RBW 14-24E	SESW	24	100S	190E	U-013794	7050	Federal	GW	P
4304735129	RBW 6-21F	SENE	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304735170	RBW 1-9E	NESE	09	100S	190E	U-03505	7050	Federal	GW	P
4304735171	RBW 16-9E	NESE	09	100S	190E	U-013765	7050	Federal	GW	P
4304735232	RBW 14-21F	SESW	21	100S	200E	U-0143520	7050	Federal	GW	P
4304735250	RBW 13-19F2	NWSW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304735251	RBW 15-19F	SWSE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304735270	RBW 16-21E	SESE	21	100S	190E	U-013766	7050	Federal	GW	P
4304735304	RBW 13-20F	SWSW	20	100S	200E	U-013769	7050	Federal	GW	P
4304735305	RBW 4-21F	NWNW	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304735306	RBW 16-21F	SESE	21	100S	200E	U-0143520-A	7050	Federal	GW	P
4304735468	RBW 15-22F	SWSE	22	100S	200E	U-01470-A	7050	Federal	GW	P
4304735469	RBW 11-23F	SENE	23	100S	200E	U-01470A	7050	Federal	GW	P
4304735549	RBW 1-14F	NENE	14	100S	200E	UTU-013793-A	7050	Federal	GW	P
4304735640	RBW 2-21E	NWNE	21	100S	190E	U-013766	7050	Federal	GW	P
4304735644	RBW 10-17E	NWSE	17	100S	190E	U-013766	7050	Federal	GW	P
4304735645	RBW 12-21E	NWSW	21	100S	190E	U-013766	7050	Federal	GW	P
4304736200	RBW 8-17E	SWNE	17	100S	190E	U-013766	7050	Federal	GW	P
4304736201	RBW 15-17EX	SWSE	17	100S	190E	U-013766	7050	Federal	GW	P
4304736293	RBW 2-10E	NWNE	10	100S	190E	U-013792	7050	Federal	GW	P
4304736294	RBW 6-10E	NENW	10	100S	190E	U-013792	7050	Federal	GW	P
4304736296	RBW 6-21E	SENE	21	100S	190E	U-013766	7050	Federal	GW	P
4304736297	RBW 10-22E	NWSE	22	100S	190E	U-013792	7050	Federal	GW	P
4304736318	RBW 14-22E	SESW	22	100S	190E	U-013792	7050	Federal	GW	P
4304736427	RBW 9-15E	NESE	15	100S	190E	U-013766	7050	Federal	GW	DRL
4304736428	RBW 2-17E	NWNE	17	100S	190E	U-013766	7050	Federal	GW	P
4304736429	RBW 1-17E	NENE	17	100S	190E	U-013766	7050	Federal	GW	DRL
4304736432	RBW 3-19F2	NWNW	19	100S	200E	U-013769-A	15234	Federal	GW	P
4304736433	RBW 14-17F	SESW	17	100S	200E	U-03505	7050	Federal	GW	P
4304736434	RBW 2-19F	NWNE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304736435	RBW 5-19FX	SWNW	19	100S	200E	U-013769-A	15855	Federal	GW	P
4304736436	RBW 4-20F	NWNW	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304736605	RBW 16-14F	SESE	14	100S	200E	U-013793A	7050	Federal	GW	P
4304736608	RBW 4-3E	NWNW	03	100S	190E	U-035316	7050	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304736609	RBU 8-3E	SENE	03	100S	190E	U-013765	7050	Federal	GW	P
4304736610	RBU 14-3E	SESW	03	100S	190E	U-013765	7050	Federal	GW	P
4304736686	RBU 13-3E	NWSW	03	100S	190E	U-013765	15235	Federal	GW	P
4304736810	RBU 1-3E	NENE	03	100S	190E	U-013765	7050	Federal	GW	DRL
4304736850	RBU 2-10F	NWNE	10	100S	200E	U-7206	7050	Federal	GW	P
4304736851	RBU 8-21F	SENE	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304737033	RBU 4-10E	SWNW	10	100S	190E	U-035316	7050	Federal	GW	P
4304737057	RBU 11-17E	NWSE	17	100S	190E	U-03505	7050	Federal	GW	DRL
4304737058	RBU 3-17E	NENW	17	100S	190E	U-03505	7050	Federal	GW	P
4304737201	RBU 3-23F	NENW	23	100S	200E	U-013793-A	7050	Federal	OW	P
4304737341	RBU 11-20F	NESW	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304737342	RBU 5-15F	SWNW	15	100S	200E	U-7206	7050	Federal	OW	P
4304737343	RBU 10-16F	NWSE	16	100S	200E	U-7206	7050	Federal	OW	P
4304737344	RBU 9-16F	NESE	16	100S	200E	U-7206	7050	Federal	OW	S
4304737450	RBU 14-17E	SESW	17	100S	190E	U-03505	7050	Federal	GW	P
4304737747	RBU 15-9E	NWNE	16	100S	190E	U-013765	7050	Federal	GW	DRL
4304737893	RBU 9-4EA	SENE	04	100S	190E	U-03505	7050	Federal	GW	P
4304737998	RBU 13-23F	SWSW	23	100S	200E	U-01470-A	7050	Federal	GW	P
4304738181	RBU 12-4E	SWNW	04	100S	190E	U-03576	99999	Federal	GW	DRL
4304738182	RBU 11-4E	SE/4	04	100S	190E	U-03505	99999	Federal	GW	DRL
4304738294	RBU 2-4E	NWNE	04	100S	190E	U-013792	7050	Federal	GW	DRL
4304738295	RBU 5-4E	SWNW	04	100S	190E	U-03576	99999	Federal	GW	DRL
4304738543	RBU 28-18F	NESE	13	100S	190E	U 013793-A	7050	Federal	GW	DRL
4304738548	RBU 32-13E	NESE	13	100S	190E	U-013765	7050	Federal	GW	DRL
4304738555	RBU 27-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	DRL
4304738556	RBU 27-18F2	SWSW	18	100S	200E	U-013793	7050	Federal	GW	DRL
4304738557	RBU 30-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	P
4304738558	RBU 29-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	DRL
4304738595	RBU 31-10E	NENE	15	100S	190E	U-013792	7050	Federal	GW	DRL
4304738596	RBU 17-15E	NENE	15	100S	190E	U-013766	7050	Federal	GW	DRL
4304738780	RBU 8B-17E	SENE	17	100S	190E	U-013766	7050	Federal	GW	DRL



N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

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api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304730153	NATURAL 1-2	SENW	02	100S	200E	ML-10716	11377	State	OW	PA
4304730260	RBU 11-16E	NESW	16	100S	190E	ML-13214	7050	State	GW	S
4304730583	RBU 11-36B	NESW	36	090S	190E	ML-22541	99998	State	NA	PA
4304730608	RBU 8-16D	SENE	16	100S	180E	ML-13216	99998	State	NA	PA
4304730760	RBU 11-2F	NESW	02	100S	200E	ML-10716	9966	State	OW	S
4304731740	RBU 1-16E	NENE	16	100S	190E	ML-13214	7050	State	GW	P
4304732026	RBU 16-2F	SESE	02	100S	200E	ML-10716	7050	State	GW	P
4304732042	RBU 9-16E	NESE	16	100S	190E	ML-13214	7050	State	GW	P
4304732108	RBU 14-2F	SESW	02	100S	200E	ML-10716	7050	State	GW	P
4304732136	RBU 8-2F	SENE	02	100S	200E	ML-10716	7050	State	GW	P
4304732137	RBU 5-16E	SWNW	16	100S	190E	ML-13214	7050	State	GW	P
4304732245	RBU 7-16E	SWNE	16	100S	190E	ML-13214	7050	State	GW	PA
4304732250	RBU 13-16E	SWSW	16	100S	190E	ML-13214	7050	State	GW	S
4304732292	RBU 15-16E	SWSE	16	100S	190E	ML-13214	7050	State	GW	PA
4304732314	RBU 10-2F	NWSE	02	100S	200E	ML-10716	7050	State	GW	P
4304732352	RBU 3-16F	NENW	16	100S	200E	ML-3393-A	7050	State	GW	P
4304733360	RBU 1-16F	NENE	16	100S	200E	ML-3393	7050	State	GW	P
4304734061	RBU 6-16E	SWNE	16	100S	190E	ML-13214	7050	State	GW	P
4304734167	RBU 1-2F	NENE	02	100S	200E	ML-10716		State	GW	LA
4304734315	STATE 11-2D	NESW	02	100S	180E	ML-26968		State	GW	LA
4304734903	RBU 14-16E	SWSW	16	100S	190E	ML-13214	7050	State	D	PA
4304735020	RBU 8-16E	SENE	16	100S	190E	ML-13214	7050	State	GW	P
4304735021	RBU 10-16E	SWSE	16	100S	190E	ML-13214	7050	State	GW	P
4304735022	RBU 12-16E	NESW	16	100S	190E	ML-13214	7050	State	GW	P
4304735023	RBU 16-16E	SWSW	15	100S	190E	ML-13214	7050	State	GW	P
4304735033	RBU 2-16E	NWNE	16	100S	190E	ML-13214	7050	State	GW	P
4304735081	RBU 15-2F	SWSE	02	100S	200E	ML-10716	7050	State	GW	P
4304735348	RBU 13-16F	NWNW	21	100S	200E	ML-3394	7050	State	GW	DRL
4304736169	RBU 4-16E	NENW	16	100S	190E	ML-13214	7050	State	GW	P
4304736170	RBU 3-16E	NENW	16	100S	190E	ML-13214	7050	State	GW	P





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

Dominion Exploration & Production, Inc.  
Attn: James D. Abercrombie  
14000 Quail Springs Parkway, #600  
Oklahoma City, OK 73134-2600

August 10, 2007

Re: River Bend Unit  
Uintah County, Utah

Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the River Bend Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the River Bend Unit Agreement.

Your statewide oil and gas bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED  
AUG 16 2007  
DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U-013792
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: RIVERBEND UNIT
PHONE NUMBER: (505) 333-3100		8. WELL NAME and NUMBER: RBU 2-4E
4. LOCATION OF WELL FOOTAGES AT SURFACE: 373' FNL & 1656' FEL		9. API NUMBER: 4304738294
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 4 10S 19E		10. FIELD AND POOL, OR WILDCAT: WASATCH GREENRIVER
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: OCT 2007 MONTHLY REPORT
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/4/2007			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached is XTO Energy's monthly rpt for the period of 8/1/2007 to 10/4/2007.

NAME (PLEASE PRINT) HOLLY C. PERKINS	TITLE REGULATORY COMPLIANCE TECH
SIGNATURE <i>Holly C. Perkins</i>	DATE 10/5/2007

(This space for State use only)

RECEIVED  
OCT 09 2007  
DIV. OF OIL, GAS & MINING

## Farmington Well Workover Report

<b>RIVERBEND UNIT</b>	<b>Well # 2-4E</b>	
-----------------------	--------------------	--

**Objective:** Drill & Complete

**First Report:** 08/14/2007

**AFE:** 713961

**8/15/07** MI equip to loc. Std stringing out 160' of 4" .188W steel gas line. Compl 4 – 4" welds, 2 – 2" welds. SDFN.

**8/16/07** Cont stringing out an add'l 160' of 4" .188W steel gas line. Compl 6 – 4" welds. Compl tie in fr/4" .188W steel gas line to 2" mtr run. Compl cleaning up loc. FR for facility upgrades.

**8/17/07** Cont rpt for AFE #713961 MI build pads for sep/dehy combo unit, tk & mtr. Set 12' x 20' Natco tk (8J26701-01) w/500K htr (SN 0706-636). Set Pessco sep/dehy combo unit w/pre htr 24" x 12' w/250K heater & 16" x 6' vert sep & 16" x 15' absorber tower & dehy w/75k htr (SN 112372). Build pad & set 2" sls mtr run w/daniels simplex w/600 psi flanges. Run 2" sch 80 TBE bare pipe fr/WH to combo unit & fr/combo unit to prod tk. Run 2' ln fr/combo unit to sales mtr. Run 1/2" steel tbq for heat trace to tk & WH. Inst tk containment ring 44" x 36" x 10 gauge & paint carlsbad tan. Insulate & tin flw ln & tk ln. Susp rpt pending further activity. Inst new TotalFlow XFC 6413 #23107456, Ferguson ACP 5000 #003231, MDS radio 4710B #1595267, man, solar panels, csg. and tbq xmtr, latching vlv. Complete.

**8/23/07** Cont'd rpt for AFE #713961 to D & C. SICP 0 psig.. MIRU Cased Hole Solutions WL and Action Hot Oil Service equip. RIH w/GR/CCL/CBL logging tls. Log well under 750 psig fr/WL PBTD @ 9132' to 2000' FS. Found TOC @ 2362'. TOH & LD WL tls. PT csg to 5000 psig, 10", gd tst. RDMO WL and hot oilier. SWI & SDFN.

**9/12/07** Compl x-raying 30 – 4" welds. SDFN.

**9/27/07** Compl 60-4" x-ray welds, found 16 bad welds. SDWO weld reps sched for 09/27/07.

**9/29/07** Compl x-ray on 4" .188W X42 gas line. Compl lifting 4" .188W X42 gas line & rmd skids. Project Compl.

**9/30/07** Contd rpt for AFE # 713961 to D&C. MIRU WL. RIH w/3-1/8" csg guns loaded w/Owen SDP-3125-411NT4, 21 gm chrgrs. Perf stage 1 intv fr/ 8,986' - 9071' w/ 3 SPF (120 deg phasing, 0.35" EHD, 34.24" pene., 39 holes). POH & LD perf guns. RDMO WL. MIRU CTU & ac pmp trk. SICP 0 psig. Fill CT & tst surf equip to 5500 psig. TIH w/1-3/4" & displ well w/2% KCL wtr trtd w/biocide & sc inhibitor. W/EOT @ 9080' sptd 250 gals 7.5% HCL over perfs @ 8986' - 9071' ( ac fr/ 8820' - 9080' ). TOH w/CT. NU pmp trk & BD perfs @ 2100 psig. EIR of 4 BPM @ 2600 psig. ISIP 2500 psig, 5" SIP 2275 psig, 10" SIP 1925 psig & 15" SIP 1725 psig. Frac grad 0.71 SWI & RDMO CTU & pmp trk. 18 BLWTR.

UINTAHRBU 2-4E

LOCATION : NWNE, Sec 4, T10S, R19E

CONTRACTOR: Patterson UTI Drilling, 12

DATE: 7/29/2007

OPERATION: MIRU ROTARY TOOLS

DFS: -1.27 Footage Made: Measured Depth:

MW: VISC:

WOB: RPM:

DMC: CMC:

DWC: 30,450.00 CWC: 30,450.00

TIME DIST: (24.00) MOVE RIG FROM HCU 3-32F TO RBU 2-4E. RU ROTARY TOOLS..

DATE: 7/29/2007

OPERATION: MIRU ROTARY TOOLS

DFS: -1.27 Footage Made: Measured Depth:

MW: VISC:

WOB: RPM:

DMC: CMC:

DWC: 71,197.00 CWC: 101,647.00

DATE: 7/30/2007

OPERATION: MOVE RIG FROM HCU 3-32F TO RBU 2-4E. RU RIG.

DFS: -0.27 Footage Made: Measured Depth:

MW: VISC:

WOB: RPM:

DMC: CMC:

DWC: 71,197.00 CWC: 172,844.00

DATE: 7/30/2007

OPERATION: MOVE RIG FROM HCU 3-32F TO RBU 2-4E. RU RIG.

DFS: -0.27 Footage Made: Measured Depth:

MW: VISC:

WOB: RPM:

DMC: CMC:

DWC: 30,450.00 CWC: 203,294.00

TIME DIST: (24.00) MOVE IN ROTARY TOOLS. REMOVE AND REINSTALL FLOWLINE TO SKID RIG..

DATE: 7/31/2007

OPERATION: DRILLING 12-1/4" HOLE

DFS: 0.73 Footage Made: 720 Measured Depth: 1,250

MW: VISC:

WOB: 30 RPM: 148

DMC: CMC:

DWC: 71,197.00 CWC: 274,491.00

DATE: 7/31/2007

OPERATION: DRILLING 12-1/4" HOLE

DFS: 0.73 Footage Made: 720 Measured Depth: 1,250

MW: VISC:

WOB: 30 RPM: 148

DMC: CMC:

DWC: 68,425.00 CWC: 342,916.00

TIME DIST: (1.00) NU DIVERTER. (5.50) PU BHA. (0.50) DRLD CMT, FLOAT, AND SHOE. (17.00) DRLD 550'-1224' (DRLD 694' @ 40.8 FPH).

DATE: 8/1/2007

OPERATION: DRILLING 12 1/4" HOLE

DFS: 1.73 Footage Made: 763 Measured Depth: 2,013

MW: VISC:

WOB: 40 RPM: 148

DMC: CMC:

DWC: 71,197.00 CWC: 414,113.00

DATE: 8/1/2007

OPERATION: DRILLING 12 1/4" HOLE

DFS: 1.73 Footage Made: 763 Measured Depth: 2,013

MW: 8.6 VISC: 36

WOB: 40 RPM: 148

DMC: CMC:

DWC: 43,975.00 CWC: 458,088.00

TIME DIST: (8.50) DRLD 1224'-1507' (283' @ 33.3 FPH). (0.50) RIG SERVICE. (15.00) DRLD 1507'-2013' (506' @ 33.7 FPH).

DATE: 8/2/2007

OPERATION: DRILLING 12-1/4" HOLE

DFS: 2.73 Footage Made: 690 Measured Depth: 2,703

MW: VISC:

WOB: 40 RPM: 148

DMC: CMC:

DWC: 71,197.00 CWC: 529,285.00

DATE: 8/2/2007  
 OPERATION: DRILLING 12-1/4" HOLE  
 DFS: 2.73 Footage Made: 690 Measured Depth: 2,703  
 MW: 9.3 VISC: 38  
 WOB: 40 RPM: 148  
 DMC: CMC: DWC: 128,175.00 CWC: 657,460.00  
 TIME DIST: (9.50) DRLD 2013-2330' (317' @ 33.3 FPH). (0.50) RIG SERVICE. (14.00) DRLD 2330'-2703' (373' @ 26.6 FPH).

DATE: 8/3/2007  
 OPERATION: PRESSURE TEST BOP  
 DFS: 3.73 Footage Made: 0 Measured Depth: 2,703  
 MW: VISC:  
 WOB: RPM:  
 DMC: CMC: DWC: 71,197.00 CWC: 728,657.00

DATE: 8/3/2007  
 OPERATION: PRESSURE TEST BOP  
 DFS: 3.73 Footage Made: 0 Measured Depth: 2,703  
 MW: 9 VISC: 35  
 WOB: RPM:  
 DMC: CMC: DWC: 171,582.00 CWC: 900,239.00  
 TIME DIST: (3.00) DRLD 2708'-2800' (92' @ 30.7 FPH). (1.00) CIRC. AND COND. MUD FOR CSG.. (2.00) POOH. (2.50) LD 8" DIRECTIONAL TOOLS, WO LAYDOWN TRUCK. (2.50) RU FRANKS WESTATES CASING SERVICE AND HOLD SAFETY MEETING.. (1.50) CHANGE OUT LAYDOWN TRUCKS.. (2.00) RAN AND LANDED 65 JTS. (2744.27') OF 9-5/8", 36#, J-55, LT&C CSG. AT 2762.27' W/ 1 JT. 40# ON TOP.. (1.00) CIRC. AND COND. HOLE FOR CMT., RD CSG CREW.. (1.00) CIRC. HOLE AND RU HALLIBURTON AND HOLD SAFETY MEETING.. (2.00) CMT. CSG. W/ 300 SX ROCKIES LT. W/ GILSONITE AND FLOCELE FOLLOWED BY 450 SX. PREM. "G" W/ CACL2 AND FLOCELE. LOST RETURNS W/ 190 OF 210 BBL ON DISPLACEMENT. DID NOT BUMP PLUG. CIRC. 10 BBL CMT TO SURF.. (0.50) RD HALLIBURTON.. (4.00) ND DIVERTER AND NU BOP AND FLOWLINE.. (1.00) PRESSURE TESTING BOP..

DATE: 8/4/2007  
 OPERATION: DRILLING  
 DFS: 4.73 Footage Made: 1,308 Measured Depth: 4,108  
 MW: 8.4 VISC: 26  
 WOB: 15 RPM: 45  
 DMC: CMC: DWC: 72,573.00 CWC: 972,812.00  
 TIME DIST: (2.50) PRESSURE TEST BOP, HCR, CHOKE, KELLY, ANNULAR, AND CSG.. (3.00) FINISH NU FLOWLINE AND INSTALL FLARE LINES. (1.00) PU BIT AND STABILIZERS. (2.50) TIH TAGGING AT 2704'.. (2.00) DRLD CMT, FLOAT, AND SHOE DRLG TO 2808'.. (0.50) RIG SERVICE.. (1.00) PERFORM FIT TEST, 300#/ 15 MIN, WIRELINE SURVEY 3.78". (8.00) DRLD 2808'-3820' (1012' @ 126.5 FPH). (0.50) WIRELINE SURVEY @ 3740', 2.5". (3.00) DRLD 3820'-4108' (288' @ 96 FPH).

DATE: 8/4/2007  
 OPERATION: DRILLING  
 DFS: 4.73 Footage Made: 1,308 Measured Depth: 4,108  
 MW: VISC:  
 WOB: 15 RPM: 45  
 DMC: CMC: DWC: 71,197.00 CWC: 1,044,009.00

DATE: 8/5/2007  
 OPERATION: DRILLING  
 DFS: 5.73 Footage Made: 1,017 Measured Depth: 5,125  
 MW: VISC:  
 WOB: 18 RPM: 55  
 DMC: CMC: DWC: 71,197.00 CWC: 1,115,206.00

DATE: 8/5/2007  
 OPERATION: DRILLING  
 DFS: 5.73 Footage Made: 1,017 Measured Depth: 5,125  
 MW: 8.5 VISC: 26  
 WOB: 18 RPM: 55  
 DMC: CMC: DWC: 71,197.00 CWC: 1,186,403.00  
 TIME DIST: (4.00) DRLD 4108'-4231' (123' @ 30.8 FPH). (0.50) PUMP SWEEP AND CIRC. FOR TRIP.. (2.00) POOH FOR BIT #3.. (0.50) PU BITG #3.. (1.50) TIH. (0.50) WASH 90' TO BTM.. (9.00) DRLD 4231'-4801' (570' @ 63.3 FPH). (0.50) WIRELINE SURVEY @ 4721', 2.4". (5.50) DRLD 4801'-5150' (349' @ 63.5 FPH).

DATE: 8/6/2007  
 OPERATION: DRILLING  
 DFS: 6.73 Footage Made: Measured Depth:  
 MW: 8.6 VISC: 26  
 WOB: 23 RPM: 50  
 DMC: CMC: DWC: 40,265.00 CWC: 1,226,668.00  
 TIME DIST: (7.50) DRLD 5150'-5657' (507' @ 67.6 FPH). (0.50) SERVICE RIG, FUNCT. TEST BOP AND HCR.. (2.50) DRLD 5657'-5816' (159' @ 63.6 FPH). (0.50) WIRELINE SURVEY @ 5736', 2.3°. (13.00) DRLD 5816'-6483 (667' @ 51.3 FPH).

DATE: 8/6/2007  
 OPERATION: DRILLING  
 DFS: 6.73 Footage Made: Measured Depth:  
 MW: VISC:  
 WOB: 23 RPM: 50  
 DMC: CMC: DWC: 71,197.00 CWC: 1,297,865.00

DATE: 8/7/2007  
 OPERATION: Drilling Ahead F/ 7784' KB.  
 DFS: 7.73 Footage Made: 1,301 Measured Depth: 7,784  
 MW: 8.6 VISC: 26  
 WOB: 26 RPM: 50  
 DMC: CMC: DWC: 34,180.00 CWC: 1,332,045.00  
 TIME DIST: (5.50) Drig Ahead. (1.00) Dev. Survey @ 6780' 1.97 Degrees. (3.00) Drig Ahead. (1.00) Repair #2 Mud Pmp. (13.50) Drig Ahead.

DATE: 8/8/2007  
 OPERATION: DRILLING AHEAD F/ 8466' KB.  
 DFS: 8.73 Footage Made: 682 Measured Depth: 8,466  
 MW: 9.2 VISC: 33  
 WOB: 29 RPM: 46  
 DMC: CMC: DWC: 37,391.00 CWC: 1,369,436.00  
 TIME DIST: (2.50) DRILLED F/ 7784' TO 7876' KB.. (1.00) DEVIATION SURVEY @ 7793' KB 2.44 DEGREES.. (1.50) DRILLED F/ 7876' TO 7920' KB.. (0.50) SERVICE RIG.. (9.50) DRILLED F/ 7920' TO 8280' KB.. (3.00) REPLACE BELTS ON #1 MUD PUMP.. (6.00) DRILLED F/ 8280' TO 8466' KB..

DATE: 8/9/2007  
 OPERATION: Tripping In Hole W/ New Bit & Mud Motor.  
 DFS: 9.73 Footage Made: 537 Measured Depth: 9,003  
 MW: 9.3 VISC: 39  
 WOB: 30 RPM: 46  
 DMC: CMC: DWC: 48,072.00 CWC: 1,417,508.00  
 TIME DIST: (11.50) Drilled f/ 8466' to 8863' KB.. (0.50) Service Rig.. (5.00) Drilled f/ 8863' to 9003' KB.. (0.50) Circulate.. (4.00) TOOH.. (1.00) Change Bit & Mud Motor.. (1.50) TIH..

DATE: 8/10/2007  
 OPERATION: Running Open Hole Logs.  
 DFS: 10.73 Footage Made: 207 Measured Depth: 9,210  
 MW: 9.4 VISC: 38  
 WOB: 30 RPM: 50  
 DMC: CMC: DWC: 43,052.00 CWC: 1,460,560.00  
 TIME DIST: (2.00) TIH W/ NEW BIT & MUD MOTOR.. (6.00) DRILLED F/ 9003' TO 9140 KB.. (0.50) REPAIR #2 MUD PUMP.. (2.00) DRILLED F/ 9140' TO 9200' KB.. (0.50) REPAIR #1 MUD PUMP.. (1.50) DRILLED F/ 9200' TO 9210' KB. TD 9210' KB @ 1830 HRS 8/8/07... (1.50) CIRCULATE.. (3.00) TOOH FOR OPEN HOLE LOGS.. (7.00) RUNNING OPEN HOLE LOGS..

DATE: 8/11/2007  
 OPERATION: RUNNING 5.50" PRODUCTION CASING.  
 DFS: 11.73 Footage Made: 0 Measured Depth: 9,210  
 MW: VISC:  
 WOB: RPM:  
 DMC: CMC: DWC: 72,981.92 CWC: 1,533,541.92  
 TIME DIST: (6.00) RUN OPEN HOLE LOGS W/ BAKER. LOGGERS MD TD 9222' KB. DRILLERS MD TD 9210' KB.. (3.50) TIH W/ DRILL PIPE & BHA.. (1.50) CIRCULATE.. (7.00) TOOH LD DP & BHA.. (6.00) PU & RUN CSG TO 9201.14'.

DATE: 8/12/2007

OPERATION: MOVING RIG F/ RBU 2-4E TO RBU 11-4E

DFS: 12.73 Footage Made: 0 Measured Depth: 9,210

MW: VISC:

WOB: RPM:

DMC: CMC: DWC: 200,306.75 CWC: 1,733,848.67

TIME DIST: (1.00) RUN 5.50" CASING TO 9201.14' MD. (4.00) CEMENT 5.50" PRODUCTION CASING.. (3.00) CLEAN MUD PITS..  
(16.00) RIG DOWN RIG. RIG RELEASED @ 06:00 A.M. 8/12/2007.

RBU 2-4E

LOCATION : NWNE, Sec 4, T10S, R19E

CONTRACTOR: Bill Jrs, 6

DATE: 7/11/2007

OPERATION: INSTALL CSGN HEAD.

DFS: 0.75 Footage Made: 550 Measured Depth: 550

MW: VISC:

WOB: 20 RPM: 40

DMC: CMC: DWC: 121,214.00 CWC: 121,214.00

TIME DIST: (8.00) DRILL 550' OF 17.5 " HOLE.. (8.00) RUN & SET 518' OF 13.375". (8.00) CEMENT W/ 500 SKS..

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U-03576
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: RIVER BEND UNIT
PHONE NUMBER: (505) 333-3100		8. WELL NAME and NUMBER: RBU 2-4E
4. LOCATION OF WELL FOOTAGES AT SURFACE: 373' FNL & 1656' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 4 10S 19E S		9. API NUMBER: 4304738294
COUNTY: UINTAH STATE: UTAH		10. FIELD AND POOL, OR WLD CAT: NATURAL BUTTES

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____  <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 11/15/2007	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: MONTHLY RPT 10/6/07 - 11/15/07

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Monthly Report for 10/6/2007 to 11/15/2007 attached.

RECEIVED  
NOV 23 2007  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) HOLLY C. PERKINS	TITLE REGULATORY COMPLIANCE TECH
SIGNATURE <i>Holly C. Perkins</i>	DATE 11/19/2007

(This space for State use only)



Farmington Well Workover Report

RIVERBEND UNIT	Well # 2-4E	MV/WSTC
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Objective: Drill & Complete

First Report: 08/14/2007

AFE: 713961

10/9/07 SICP 0 psig. MIRU Temple WS #2. ND frac vlv. NU BOP. RIH w/4-3/4" rock tooth bit, safety sub, BRS, SN and 151 jts of 2-3/8", 4.7#, J-55, EUE, 8rd tbg. Tgd sd @ 4945'. Wasatch/MV perfs fr/6,928' - 9,071'. RU pwr swivel & estb circ. CO sd fill to 5543'. Circ well clean. SWI & SDFN. 2,554 BLWTR.

10/10/07 SITP 0 psig, SICP 0 psig. Estb circ & cont to CO sd to top CFP @ 7250'. DO CFP'S @ 7250', 8210' & 8570'. Cont to TIH. Tgd fill @ 9060'. CO to 9089'. Fill hd & unable to CO further. Circ well cln. LD 3 jts tbg. Ld 275 jts, 4.7#, J-55, 8rd, EUE tbg on hgr w/EOT @ 9022', SN @ 9020'. Wasatch perfs fr/ 6,928' - 7,037'. MV perfs fr/8,334' - 9,071'. RIH w/1.901" tbg broach to 9022', POH LD tls. ND BOP, drop ball & NU WH. Ppd tbg vol plus 10 bbls, did not see bit pmp off. SICP 1700 psig, and tbg on a vac. SWI & SDFN. 2,598 BLWTR.

10/11/07 FTP 750 psig. SICP 2200 psig. F. 0 B0, 291 BLW, 21 hrs., 12-24/64" ck, FTP 750 -1250 psig, SICP 2200 - 1900 psig. Rets of surging gas & fluid. Wasatch/MV perfs fr/6,928' - 9,071'. 2263 BLWTR.

Flow Zone: MV/WSTC  
Event Desc: Flow Back Top Interval: 6,928 Bottom Interval: 9,071

Time	Avg Press	Choke Size	BBLS	
			Rec	Comments
9:00:00 AM	2,200	12/64	0	Tbg 750 psig. OWU.
10:00:00 AM	2,200	12/64	6	Tbg 750 psig. Straight fld no sd.
11:00:00 AM	2,200	12/64	17	Tbg 450 psig. Well start load up.
12:00:00 PM	2,200	12/64	13	Tbg 150 psig. Chg ck, tr sd.
1:00:00 PM	2,200	24/64	22	Tbg 350 psig. Ck plugged w/rubber.
2:00:00 PM	2,200	24/64	0	Tbg 100 psig. Ck plugged w/rubber.
3:00:00 PM	2,400	24/64	13	Tbg 400 psig. Ck plugged w/rubber.
4:00:00 PM	2,400	24/64	25	Tbg 700 psig. Ck plugged w/rubber.
5:00:00 PM	2,400	24/64	9	Tbg 550 psig. Ck plugged w/rubber.
6:00:00 PM	2,150	24/64	9	Tbg 1,300 psig. Gas & fld.
7:00:00 PM	2,150	24/64	8	Tbg 1,300 psig. Gas & fld.
8:00:00 PM	2,150	24/64	27	Tbg 1,250 psig. Gas & fld.
9:00:00 PM	2,100	24/64	10	Tbg 1,300 psig. Gas & fld.
10:00:00 PM	2,100	24/64	9	Tbg 1,300 psig. Gas & fld.
11:00:00 PM	2,050	24/64	15	Tbg 1,300 psig. Gas & fld.
12:00:00 AM	2,000	24/64	19	Tbg 1,200 psig. Gas & fld.
1:00:00 AM	2,000	24/64	15	Tbg 1,300 psig. Gas & fld.
2:00:00 AM	1,950	24/64	24	Tbg 1,750 psig. Gas & fld.

3:00:00 AM	1,900	24/64	9	Tbg 1,200 psig. Gas & fld.
4:00:00 AM	1,800	24/64	12	Tbg 1,200 psig. Gas & fld.
5:00:00 AM	1,900	24/64	14	Tbg 1,250 psig. Gas & fld.
6:00:00 AM	1,900	24/64	15	Tbg 1,250 psig. Gas & fld.

**Ttl Bbls:** 291

**10/12/07** FTP 1700 psig. SICP 1500 psig. F. 0 B0, 205 BLW, 24 hrs., 18/64" ck, FTP 1700 -1100 psig, SICP 1900 - 1500 psig. Rets of surging gas & fluid. Wasatch/MV perfs fr/6,928' - 9,071'. 2058 BLWTR.

**Flow**      **Zone:**      MV/WSTC

**Event Desc:**      Flow Back

**Top Interval:** 6,928

**Bottom Interval:** 9,071

	<b>Avg</b>	<b>Choke</b>	<b>BBLS</b>	
<b>Time</b>	<b>Press</b>	<b>Size</b>	<b>Rec</b>	<b>Comments</b>
6:00:00 AM	1,900	18/64	10	Tbg 1,700 psig. Gas & fld.
7:00:00 AM	1,900	18/64	10	Tbg 1,150 psig. Gas & fld.
8:00:00 AM	1,850	18/64	10	Tbg 1,000 psig. Gas & fld.
9:00:00 AM	1,800	18/64	11	Tbg 1,150 psig. Gas & fld.
10:00:00 AM	1,750	18/64	5	Tbg 1,150 psig. Gas & fld.
11:00:00 AM	1,750	18/64	4	Tbg 1,100 psig. Gas & fld.
12:00:00 PM	1,750	18/64	9	Tbg 1,100 psig. Gas & fld.
1:00:00 PM	1,700	18/64	4	Tbg 1,100 psig. Gas & fld.
2:00:00 PM	1,700	18/64	0	Tbg 1,050 psig. Gas & fld.
3:00:00 PM	1,700	18/64	4	Tbg 1,050 psig. Gas & fld.
4:00:00 PM	1,700	18/64	9	Tbg 1,050 psig. Gas & fld.
5:00:00 PM	1,650	18/64	8	Tbg 1,000 psig. Gas & fld.
6:00:00 PM	1,550	18/64	31	Tbg 1,000 psig. Gas & fld.
7:00:00 PM	1,650	18/64	8	Tbg 1,000 psig. Gas & fld.
8:00:00 PM	1,650	18/64	8	Tbg 1,000 psig. Gas & fld.
9:00:00 PM	1,600	18/64	8	Tbg 1,000 psig. Gas & fld.
10:00:00 PM	1,600	18/64	4	Tbg 1,000 psig. Gas & fld.
11:00:00 PM	1,600	18/64	4	Tbg 1,000 psig. Gas & fld.
12:00:00 AM	1,600	18/64	5	Tbg 1,100 psig. Gas & fld.
1:00:00 AM	1,600	18/64	4	Tbg 1,100 psig. Gas & fld.
2:00:00 AM	1,500	18/64	11	Tbg 1,100 psig. Gas & fld.
3:00:00 AM	1,500	18/64	13	Tbg 1,100 psig. Gas & fld.
4:00:00 AM	1,500	18/64	9	Tbg 1,100 psig. Gas & fld.
5:00:00 AM	1,500	18/64	8	Tbg 1,100 psig. Gas & fld.
6:00:00 AM	1,500	18/64	8	Tbg 1,100 psig. Gas & fld.

**Ttl Bbls:** 205

**10/13/07** FTP 1050 psig. SICP 1400 psig. F. 0 B0, 157 BLW, 24 hrs., 18/64" ck, FTP 1050 -850 psig, SICP 1400 - 1100 psig. Rets of surging gas & fluid. Wasatch/MV perfs fr/6,928' - 9,071'. 1901 BLWTR.

Flow Zone: MV/WSTC

Event Desc: Flow Back

Top Interval: 6,928

Bottom Interval: 9,071

	Avg	Choke	BBLs	
<u>Time</u>	<u>Press</u>	<u>Size</u>	<u>Rec</u>	<u>Comments</u>
6:00:00 AM	1,400	18/64	4	Tbg 1,050 psig. Gas & fld.
7:00:00 AM	1,400	18/64	0	Tbg 1,050 psig. Gas & fld.
8:00:00 AM	1,300	18/64	5	Tbg 900 psig. Gas & fld.
9:00:00 AM	1,300	18/64	4	Tbg 950 psig. Gas & fld.
10:00:00 AM	1,300	18/64	8	Tbg 950 psig. Gas & fld.
11:00:00 AM	1,300	18/64	5	Tbg 925 psig. Gas & fld.
12:00:00 PM	1,325	18/64	9	Tbg 1,000 psig. Gas & fld.
1:00:00 PM	1,300	18/64	4	Tbg 1,000 psig. Gas & fld.
2:00:00 PM	1,350	18/64	5	Tbg 900 psig. Gas & fld.
3:00:00 PM	1,350	18/64	8	Tbg 900 psig. Gas & fld.
4:00:00 PM	1,300	18/64	4	Tbg 900 psig. Gas & fld.
5:00:00 PM	1,250	18/64	5	Tbg 950 psig. Gas & fld.
6:00:00 PM	1,350	18/64	5	Tbg 950 psig. Mostly gas.
7:00:00 PM	1,350	18/64	5	Tbg 950 psig. Mostly gas.
8:00:00 PM	1,350	18/64	8	Tbg 950 psig. Mostly gas.
9:00:00 PM	1,200	18/64	26	Tbg 900 psig. Mostly gas.
10:00:00 PM	1,200	18/64	0	Tbg 900 psig. Mostly gas.
11:00:00 PM	1,200	18/64	21	Tbg 850 psig. Mostly gas.
12:00:00 AM	1,200	18/64	4	Tbg 850 psig. Mostly gas.
1:00:00 AM	1,150	18/64	4	Tbg 850 psig. Mostly gas.
2:00:00 AM	1,150	18/64	5	Tbg 850 psig. Mostly gas.
3:00:00 AM	1,150	18/64	4	Tbg 850 psig. Mostly gas.
4:00:00 AM	1,150	18/64	4	Tbg 850 psig. Mostly gas.
5:00:00 AM	1,100	18/64	5	Tbg 850 psig. Mostly gas.
6:00:00 AM	1,100	18/64	5	Tbg 850 psig. Mostly gas.

Ttl Bbls: 157

10/14/07 FTP 850 psig. SICP 1500 psig. F. 0 B0, 83 BLW, 24 hrs., 18/64" ck, FTP 850-750 psig, SICP 1050-750 psig. Rets of surging gas & fluid. Wasatch/MV perfs fr/6,928' - 9,071'. 1818 BLWTR.

Flow Zone: MV/WSTC

Event Desc: Flow Back

Top Interval: 6,928

Bottom Interval: 9,071

	Avg	Choke	BBLs	
<u>Time</u>	<u>Press</u>	<u>Size</u>	<u>Rec</u>	<u>Comments</u>
6:00:00 AM	1,050	18/64	0	Tbg 850 psig. Gas & fld.
7:00:00 AM	1,050	18/64	0	Tbg 850 psig. Gas & fld.
8:00:00 AM	1,050	18/64	4	Tbg 850 psig. Gas & fld.

9:00:00 AM	1,050	18/64	4	Tbg 850 psig. Gas & fld.
10:00:00 AM	1,050	18/64	4	Tbg 850 psig. Gas & fld.
11:00:00 AM	1,100	18/64	0	Tbg 850 psig. Gas & fld.
12:00:00 PM	1,080	18/64	5	Tbg 850 psig. Gas & fld.
1:00:00 PM	1,000	18/64	5	Tbg 850 psig. Gas & fld.
2:00:00 PM	1,000	18/64	4	Tbg 800 psig. Gas & fld.
3:00:00 PM	1,000	18/64	5	Tbg 800 psig. Gas & fld.
4:00:00 PM	1,000	18/64	4	Tbg 800 psig. Gas & fld.
5:00:00 PM	1,000	18/64	4	Tbg 800 psig. Gas & fld.
6:00:00 PM	1,000	18/64	0	Tbg 8,000 psig. Gas & fld.
7:00:00 PM	1,000	18/64	0	Tbg 8,000 psig. Gas & fld.
8:00:00 PM	1,000	18/64	4	Tbg 8,000 psig. Gas & fld.
9:00:00 PM	1,000	18/64	5	Tbg 8,000 psig. Gas & fld.
10:00:00 PM	1,000	18/64	4	Tbg 8,000 psig. Gas & fld.
11:00:00 PM	1,000	18/64	0	Tbg 750 psig. Gas & fld.
12:00:00 AM	1,000	18/64	0	Tbg 750 psig. Gas & fld.
1:00:00 AM	1,000	18/64	4	Tbg 750 psig. Gas & fld.
2:00:00 AM	1,000	18/64	9	Tbg 750 psig. Gas & fld.
3:00:00 AM	1,000	18/64	4	Tbg 750 psig. Gas & fld.
4:00:00 AM	750	18/64	4	Tbg 750 psig. Gas & fld.
5:00:00 AM	750	18/64	5	Tbg 750 psig. Gas & fld.
6:00:00 AM	750	18/64	5	Tbg 750 psig. Gas & fld.

Ttl Bbls: 83

10/15/07 FTP 750 psig. SICP 950 psig. F. 0 B0, 63 BLW, 24 hrs., 18/64" ck, FTP 750-700 psig, SICP 950-850 psig. Rets of surging gas & fluid. Wasatch/MV perfs fr/6,928' - 9,071'. 1755 BLWTR.

Flow	Zone:	MV/WSTC			
	Event Desc:	Flow Back		Top Interval: 6,928	Bottom Interval: 9,071
		Avg	Choke	BBLS	
	Time	Press	Size	Rec	Comments
	6:00:00 AM	950	18/64	0	Tbg 750 psig. Gas & fld.
	7:00:00 AM	950	18/64	4	Tbg 750 psig. Gas & fld.
	8:00:00 AM	950	18/64	0	Tbg 750 psig. Gas & fld.
	9:00:00 AM	950	18/64	0	Tbg 750 psig. Gas & fld.
	10:00:00 AM	950	18/64	0	Tbg 750 psig. Gas & fld.
	11:00:00 AM	950	18/64	3	Tbg 750 psig. Gas & fld.
	12:00:00 PM	950	18/64	4	Tbg 700 psig. Gas & fld.
	1:00:00 PM	950	18/64	5	Tbg 700 psig. Gas & fld.
	2:00:00 PM	950	18/64	4	Tbg 700 psig. Gas & fld.
	3:00:00 PM	900	18/64	5	Tbg 700 psig. Gas & fld.
	4:00:00 PM	900	18/64	0	Tbg 700 psig. Gas & fld.

5:00:00 PM	900	18/64	4	Tbg 700 psig. Gas & fld.
6:00:00 PM	900	18/64	0	Tbg 700 psig. Gas & fld.
7:00:00 PM	900	18/64	3	Tbg 700 psig. Gas & fld.
8:00:00 PM	900	18/64	4	Tbg 700 psig. Gas & fld.
9:00:00 PM	900	18/64	5	Tbg 700 psig. Gas & fld.
10:00:00 PM	900	18/64	4	Tbg 700 psig. Gas & fld.
11:00:00 PM	900	18/64	0	Tbg 700 psig. Gas & fld.
12:00:00 AM	900	18/64	0	Tbg 700 psig. Gas & fld.
1:00:00 AM	900	18/64	0	Tbg 700 psig. Gas & fld.
2:00:00 AM	900	18/64	4	Tbg 700 psig. Gas & fld.
3:00:00 AM	850	18/64	0	Tbg 700 psig. Gas & fld.
4:00:00 AM	850	18/64	4	Tbg 700 psig. Gas & fld.
5:00:00 AM	850	18/64	5	Tbg 700 psig. Gas & fld.
6:00:00 AM	850	18/64	5	Tbg 700 psig. Gas & fld.

Ttl Bbls: 63

10/17/07 Compl air PT 4" .188W X42 steel gas pipeline @ 840 psig for 8 hrs. PT good. 1755 BLWTR.

10/18/07 Cont rpt for AFE #713961 to D&C. FTP 1,800 psig, SICP 2,065 psig. OWU 12:30 P.M., 10/17/07. Delivered first gas sales to Questar Gas Pipeline via XTO Tap # 1 CDP. IFR 1,100 MCFPD. 1755 BLWTR.

10/19/07 F. 0 , -1 , 461 MCF, FTP 1500 psig, SICP 1800 psig, 13/64, LP 88 psig, SP 0 psig, DP 0 psig, 13 hrs.

10/20/07 F. 45 , -1 , 705 MCF, FTP 1200 psig, SICP 1400 psig, 13/64, LP 73 psig, SP 0 psig, DP 0 psig, 24 hrs.

10/21/07 F. 20 , -1 , 807 MCF, FTP 1000 psig, SICP 1500 psig, 14/64, LP 77 psig, SP 0 psig, DP 0 psig, 24 hrs.

10/22/07 F. 0 , -1 , 800 MCF, FTP 900 psig, SICP 1200 psig, 14/64, LP 70 psig, SP 0 psig, DP 0 psig, 24 hrs. FR for AFE #713961 to D&C.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

RECEIVED

OCT 24 2007

AMENDED REPORT ☐ FORM 8  
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER \_\_\_\_\_

b. TYPE OF WORK: NEW WELL ☒ HORIZ LATS ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
XTO Energy Inc.

3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410 PHONE NUMBER: (505) 333-3100

4. LOCATION OF WELL (FOOTAGES):  
AT SURFACE 373' FNL & 1656' FEL  
AT TOP PRODUCING INTERVAL REPORTED BELOW:  
AT TOTAL DEPTH: 700' FNL & 2000' FEL

5. LEASE DESIGNATION AND SERIAL NUMBER:  
U-013792

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT OR CA AGREEMENT NAME  
RIVER BEND UNIT

8. WELL NAME AND NUMBER:  
RBU 2-4E

9. API NUMBER:  
4304738294

10. FIELD AND POOL, OR WILDCAT  
WASATCH GREEN RIVER

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
NWNE 4 10S 19E S

12. COUNTY  
UINTAH

13. STATE  
UTAH

14. DATE SPUNDED: 7/10/2007 15. DATE T.D. REACHED: 8/8/2007 16. DATE COMPLETED: 10/17/2007 ABANDONED ☐ READY TO PRODUCE ☒

17. ELEVATIONS (DF, RKB, RT, GL): 4958' GL

18. TOTAL DEPTH: MD 9,210 TVD 9155 19. PLUG BACK T.D. MD 9,154 TVD 9099 20. IF MULTIPLE COMPLETIONS, HOW MANY? \*

21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
GR/CBL/GEL  
mud

23. WAS WELL CORED? NO ☒ YES ☐ (Submit analysis)  
WAS DST RUN? NO ☒ YES ☐ (Submit report)  
DIRECTIONAL SURVEY? NO ☒ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17 1/2"	13 3/4 H40	48#	0	516	0	G 500	0	SURF	0
12 1/4"	9 5/8 J55	36#	0	2,762	0	G 750	0	SURF	0
7 7/8	5 1/2 J55	17#	0	9,201	0	HLPP 915	0	SURF	0

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	9,022							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) WSMVD					6,928 9,071	.36	102	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
6928' - 9071'	Acidized w/750 gals 7.5% HCl acid -Frac'd w/105,961 slurry gals wtr with Delta-R foam 12# gel, 2% KCl wtr carrying 375,202# Premium White 20/40 sand.

29. ENCLOSED ATTACHMENTS:

- ☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY  
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER \_\_\_\_\_

30. WELL STATUS:

P

## 31. INITIAL PRODUCTION

## INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 10/17/2007		TEST DATE: 10/15/2007		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL – BBL: 0		GAS – MCF: 1,362		WATER – BBL: 63		PROD. METHOD: FLOWING	
CHOKE SIZE: 9/32"	TBG. PRESS. 700	CSG. PRESS. 850	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →		OIL – BBL: 0		GAS – MCF: 1,362		WATER – BBL: 63		INTERVAL STATUS:	

## INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS:	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED		TEST DATE		HOURS TESTED		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

TO BE SOLD

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				WASATCH TONGUE	4.608
				UTELAND LIMESTONE	4.993
				WASATCH	5.144
				CHAPITA WELLS	5.977
				UTELAND BUTTE	7.338
				MESAVERDE	8.392
				TOTAL DEPTH	9.226

## 35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

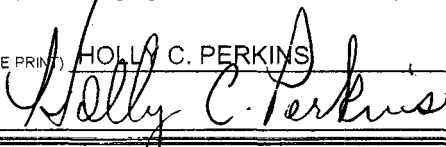
NAME (PLEASE PRINT)

HOLLY C. PERKINS

TITLE

REGULATORY COMPLIANCE TECH

SIGNATURE



DATE

10/19/2007

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone 801-538-5340

Fax 801-359-3940



**Dominion Exploration & Production  
Natural Buttes Field  
Uintah County, Utah**

**RBU 2-4E**

**Section 4, T10S, R19E**

**FINAL WELL REPORT**





# **AS DRILLED**

Prepared for:

## **RBU 2-4E**

### **Dominion Exploration & Production**

on

**Section 4, T10S, R19E**

**Uintah County, Utah**

# Dominion Exploration & Production

Field: Uintah County, Utah  
Site: RBU 2-4E  
Well: #2-4E  
Wellpath: Original Hole  
Plan: Plan #1



Azimuths to True North  
Magnetic North: 11.83°

Magnetic Field  
Strength: 52835nT  
Dip Angle: 65.93°  
Date: 6/7/2006  
Model: igrf2005



**Dominion**

## SITE DETAILS

RBU 2-4E  
River Bend Unit  
Section 4-T10S-R19E

Site Centre Latitude: 39°58'58.740N  
Longitude: 109°47'06.480W

Ground Level: 4957.00  
Positional Uncertainty: 0.00  
Convergence: 1.10

## WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#2-4E	0.00	0.00	7167145.88	2120905.89	39°58'58.740N	109°47'06.480W	N/A

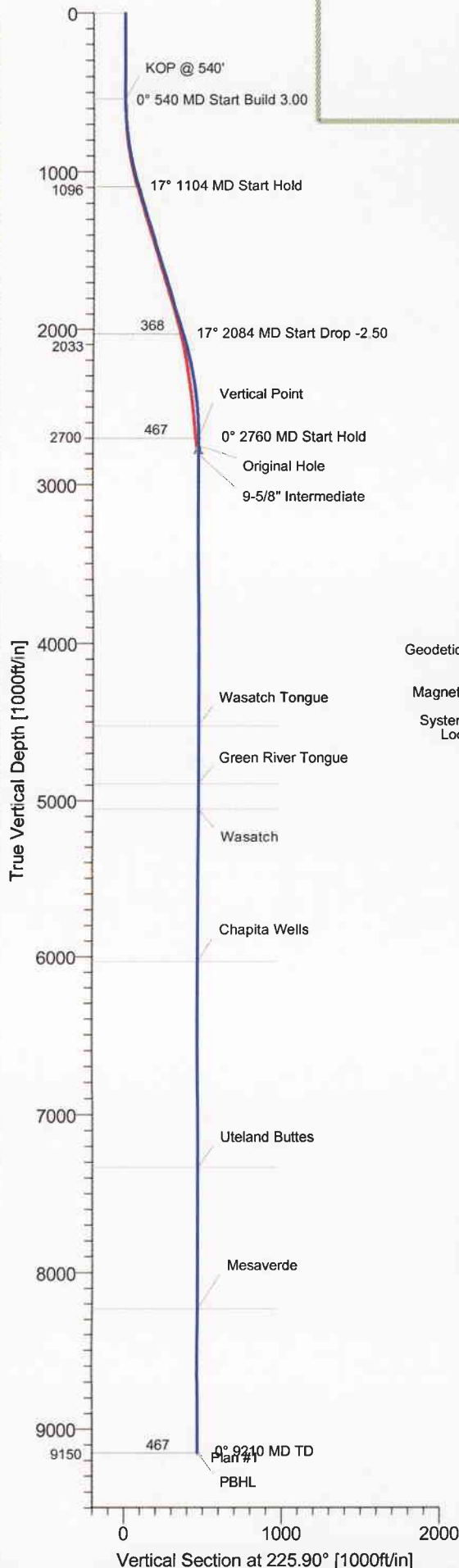
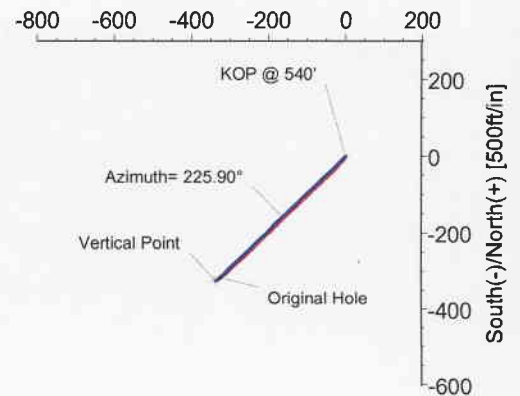
## FIELD DETAILS

Uintah County, Utah  
Utah - Natural Buttes  
USA

Geodetic System: US State Plane Coordinate System 1983  
Ellipsoid: GRS 1980  
Zone: Utah, Central Zone  
Magnetic Model: igrf2005

System Datum: Mean Sea Level  
Local North: True North

## West(-)/East(+) [500ft/in]



## TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Vertical Point	2700.00	-324.88	-335.25	Point
PBHL	9150.00	-324.88	-335.25	Point

## FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	4525.00	4585.32	Wasatch Tongue
2	4890.00	4950.32	Green River Tongue
3	5055.00	5115.32	Wasatch
4	6035.00	6095.32	Chapita Wells
5	7335.00	7395.32	Uteland Buttes
6	8235.00	8295.32	Mesaverde

## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	225.90	0.00	0.00	0.00	0.00	0.00	0.00	
2	540.00	0.00	225.90	540.00	0.00	0.00	0.00	0.00	0.00	
3	1103.76	16.91	225.90	1095.61	-57.49	-59.32	3.00	225.90	82.60	
4	2083.81	16.91	225.90	2033.27	-255.90	-264.06	0.00	0.00	367.72	
5	2760.32	0.00	225.90	2700.00	-324.88	-335.25	2.50	180.00	466.84	Vertical Point
6	9210.32	0.00	225.90	9150.00	-324.88	-335.25	0.00	0.00	466.84	PBHL

Plan: Plan #1 (#2-4E/Original Hole)

Created By: Alexis Gonzalez Date: 8/6/2007  
Checked: Date:   
Reviewed: Date:   
Approved: Date:



Ryan Energy Technologies  
19510 Oil Center Blvd  
Houston, TX 77073  
Ph: 281-443-1414  
Fx: 281-443-1676



# **DIRECTIONAL DRILLING COMPOSITE SURVEY REPORT**

Prepared for:

**RBU 2-4E**

**Dominion Exploration & Production**

on

**Section 4, T10S, R19E**

**Uintah County, Utah**

Report Prepared on, 2007

WE HEREBY CERTIFY THAT THE DATA CONTAINED IN THIS REPORT FROM 548' FT. TO 2711' FT BY OUR DIRECTIONAL SUPERVISOR, REPRESENTS TO THE BEST OF OUR KNOWLEDGE, A TRUE AND ACCURATE SURVEY OF THE WELL AT THE TIME THE SURVEY WAS TAKEN.

CERTIFIED BY \_\_\_\_\_

DATE \_\_\_\_\_



# **SURVEY REPORT - STANDARD**

Prepared for:

**RBU 2-4E**

**Dominion Exploration & Production**

on

**Section 4, T10S, R19E**

**Uintah County, Utah**



# Ryan Energy Technologies

## Survey Report



<b>Company:</b> Dominion Exploration & Product <b>Field:</b> Uintah County, Utah <b>Site:</b> RBU 2-4E <b>Well:</b> #2-4E <b>Wellpath:</b> Original Hole	<b>Date:</b> 8/6/2007 <b>Co-ordinate(NE) Reference:</b> <b>Vertical (TVD) Reference:</b> <b>Section (VS) Reference:</b> <b>Survey Calculation Method:</b>	<b>Time:</b> 15:19.11 <b>Well:</b> #2-4E, True North <b>RKB Est</b> 4975.0 <b>Well (0.00N,0.00E,225.90Azi)</b> <b>Minimum Curvature</b> <b>Db:</b> Sybase	<b>Page:</b> 1
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<b>Field:</b> Uintah County, Utah Utah - Natural Buttes USA <b>Map System:</b> US State Plane Coordinate System 1983 <b>Geo Datum:</b> GRS 1980 <b>Sys Datum:</b> Mean Sea Level	<b>Map Zone:</b> Utah, Central Zone <b>Coordinate System:</b> Well Centre <b>Geomagnetic Model:</b> igrf2005
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<b>Site:</b> RBU 2-4E River Bend Unit Section 4-T10S-R19E <b>Site Position:</b> <b>From:</b> Geographic <b>Position Uncertainty:</b> 0.00 ft <b>Ground Level:</b> 4957.00 ft	<b>Northing:</b> 7167145.88 ft <b>Easting:</b> 2120905.89 ft <b>Latitude:</b> 39 58 58.740 N <b>Longitude:</b> 109 47 6.480 W <b>North Reference:</b> True <b>Grid Convergence:</b> 1.10 deg
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<b>Well:</b> #2-4E <b>Well Position:</b> +N/-S 0.00 ft +E/-W 0.00 ft <b>Position Uncertainty:</b> 0.00 ft	<b>Slot Name:</b> <b>Latitude:</b> 39 58 58.740 N <b>Longitude:</b> 109 47 6.480 W
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<b>Wellpath:</b> Original Hole <b>Current Datum:</b> RKB Est <b>Magnetic Data:</b> 6/7/2006 <b>Field Strength:</b> 52835 nT <b>Vertical Section:</b> Depth From (TVD) ft	<b>Drilled From:</b> Surface <b>Tie-on Depth:</b> 0.00 ft <b>Above System Datum:</b> Mean Sea Level <b>Declination:</b> 11.83 deg <b>Mag Dip Angle:</b> 65.93 deg <b>+N/-S</b> ft <b>+E/-W</b> ft <b>Direction</b> deg
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<b>Survey Program for Definitive Wellpath</b> <b>Date:</b> 8/2/2007 <b>Validated:</b> No <b>Actual From</b> ft <b>To</b> ft <b>Survey</b>	<b>Version:</b> 0 <b>Toolcode</b> <b>Tool Name</b>
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548.00 2711.00 Survey #1 (548.00-2711.00) 2800.00 2800.00 Survey #2 (2800.00-2800.00)	MWD Projection MWD Projection
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Survey										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE LINE
548.00	0.30	205.90	548.00	-1.29	-0.63	1.35	0.05	0.05	0.00	MWD
639.00	1.80	214.30	638.98	-2.69	-1.54	2.97	1.65	1.65	9.23	MWD
730.00	4.40	216.40	729.84	-6.68	-4.41	7.82	2.86	2.86	2.31	MWD
821.00	7.50	218.20	820.34	-14.16	-10.16	17.15	3.41	3.41	1.98	MWD
912.00	10.30	222.40	910.23	-24.83	-19.32	31.15	3.16	3.08	4.62	MWD
1007.00	13.10	226.60	1003.25	-38.50	-32.87	50.40	3.08	2.95	4.42	MWD
1101.00	16.30	227.00	1094.16	-54.82	-50.26	74.25	3.41	3.40	0.43	MWD
1195.00	16.70	225.90	1184.29	-73.22	-69.61	100.94	0.54	0.43	-1.17	MWD
1290.00	16.30	226.30	1275.38	-91.93	-89.05	127.92	0.44	-0.42	0.42	MWD
1384.00	17.30	225.90	1365.37	-110.77	-108.63	155.09	1.07	1.06	-0.43	MWD
1479.00	16.90	226.30	1456.17	-130.14	-128.75	183.03	0.44	-0.42	0.42	MWD
1573.00	16.80	225.90	1546.13	-149.03	-148.39	210.27	0.16	-0.11	-0.43	MWD
1667.00	16.60	225.90	1636.17	-167.83	-167.78	237.29	0.21	-0.21	0.00	MWD
1763.00	17.00	225.60	1728.07	-187.19	-187.66	265.03	0.43	0.42	-0.31	MWD
1857.00	16.80	226.30	1818.01	-206.19	-207.30	292.36	0.30	-0.21	0.74	MWD
1953.00	16.50	225.90	1909.99	-225.27	-227.12	319.86	0.33	-0.31	-0.42	MWD
2048.00	14.70	224.90	2001.48	-243.19	-245.31	345.41	1.92	-1.89	-1.05	MWD
2143.00	11.80	226.30	2093.94	-258.45	-260.85	367.18	3.07	-3.05	1.47	MWD
2239.00	9.90	226.60	2188.22	-270.90	-273.94	385.25	1.98	-1.98	0.31	MWD
2333.00	8.60	227.70	2281.00	-281.18	-285.01	400.35	1.40	-1.38	1.17	MWD
2428.00	8.00	226.60	2375.00	-290.50	-295.07	414.06	0.65	-0.63	-1.16	MWD



# Ryan Energy Technologies

## Survey Report



Company:	Dominion Exploration & Product	Date:	8/6/2007	Time:	15:19:11	Page:	2
Field:	Uintah County, Utah	Co-ordinate(NE) Reference:	Well. #2-4E, True North				
Site:	RBU 2-4E	Vertical (TVD) Reference:	RKB Est 4975.0				
Well:	#2-4E	Section (VS) Reference:	Well (0.00N,0.00E,225.90Azi)				
Wellpath:	Original Hole	Survey Calculation Method:	Minimum Curvature			Db:	Sybase

### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2522.00	6.70	228.40	2468.23	-298.64	-303.92	426.08	1.40	-1.38	1.91	MWD
2617.00	5.60	225.90	2562.68	-305.54	-311.40	436.25	1.19	-1.16	-2.63	MWD
2711.00	4.80	228.40	2656.29	-311.35	-317.63	444.77	0.88	-0.85	2.66	MWD
2800.00	4.80	228.40	2744.98	-316.29	-323.20	452.21	0.00	0.00	0.00	Projection



# **SURVEY REPORT - GEOGRAPHIC**

Prepared for:

**RBU 2-4E**

**Dominion Exploration & Production**

on

**Section 4, T10S, R19E**

**Uintah County, Utah**



# Ryan Energy Technologies

## Survey Report - Geographic



<b>Company:</b> Dominion Exploration & Product <b>Field:</b> Uintah County, Utah <b>Site:</b> RBU 2-4E <b>Well:</b> #2-4E <b>Wellpath:</b> Original Hole	<b>Date:</b> 8/6/2007 <b>Co-ordinate(NE) Reference:</b> Well: #2-4E, True North <b>Vertical (TVD) Reference:</b> RKB Est 4975.0 <b>Section (VS) Reference:</b> Well (0 00N,0.00E,225.90Azi) <b>Survey Calculation Method:</b> Minimum Curvature <b>Db:</b> Sybase
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<b>Field:</b> Uintah County, Utah Utah - Natural Buttes USA <b>Map System:</b> US State Plane Coordinate System 1983 <b>Geo Datum:</b> GRS 1980 <b>Sys Datum:</b> Mean Sea Level	<b>Map Zone:</b> Utah, Central Zone <b>Coordinate System:</b> Well Centre <b>Geomagnetic Model:</b> igrf2005
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<b>Site:</b> RBU 2-4E River Bend Unit Section 4-T10S-R19E <b>Site Position:</b> <b>From:</b> Geographic <b>Position Uncertainty:</b> 0.00 ft <b>Ground Level:</b> 4957.00 ft	<b>Northing:</b> 7167145.88 ft <b>Easting:</b> 2120905.89 ft <b>Latitude:</b> 39 58 58.740 N <b>Longitude:</b> 109 47 6.480 W <b>North Reference:</b> True <b>Grid Convergence:</b> 1.10 deg
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<b>Well:</b> #2-4E <b>Well Position:</b> +N/-S 0.00 ft +E/-W 0.00 ft <b>Position Uncertainty:</b> 0.00 ft	<b>Slot Name:</b> <b>Latitude:</b> 39 58 58.740 N <b>Longitude:</b> 109 47 6.480 W
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<b>Wellpath:</b> Original Hole <b>Current Datum:</b> RKB Est <b>Magnetic Data:</b> 6/7/2006 <b>Field Strength:</b> 52835 nT <b>Vertical Section:</b> Depth From (TVD) ft	<b>Drilled From:</b> Surface <b>Tie-on Depth:</b> 0.00 ft <b>Above System Datum:</b> Mean Sea Level <b>Declination:</b> 11.83 deg <b>Mag Dip Angle:</b> 65.93 deg <b>+N/-S</b> ft <b>+E/-W</b> ft <b>Direction</b> deg
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<b>Height</b> 4975.00 ft 0.00      0.00      0.00      225.90	0.00      0.00      0.00      225.90
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<b>Survey Program for Definitive Wellpath</b>					
Date: 8/2/2007	Validated: No	Version: 0	Toolcode	Tool Name	
Actual From	To	Survey			
ft	ft				
548.00	2711.00	Survey #1 (548.00-2711.00)	MWD	MWD	
2800.00	2800.00	Survey #2 (2800.00-2800.00)	Projection	Projection	

Survey													
MD	Incl	Azim	TVD	+N/-S	+E/-W	Map	Map	← Latitude →		← Longitude →			
ft	deg	deg	ft	ft	ft	Northing	Easting	Deg	Min	Sec	Deg	Min	Sec
0.00	0.00	0.00	0.00	0.00	0.00	7167145.88	2120905.89	39	58	58.740 N	109	47	6.480 W
548.00	0.30	205.90	548.00	-1.29	-0.63	7167144.58	2120905.29	39	58	58.727 N	109	47	6.488 W
639.00	1.80	214.30	638.98	-2.69	-1.54	7167143.17	2120904.41	39	58	58.713 N	109	47	6.500 W
730.00	4.40	216.40	729.84	-6.68	-4.41	7167139.12	2120901.61	39	58	58.674 N	109	47	6.537 W
821.00	7.50	218.20	820.34	-14.16	-10.16	7167131.53	2120896.01	39	58	58.600 N	109	47	6.611 W
912.00	10.30	222.40	910.23	-24.83	-19.32	7167120.68	2120887.06	39	58	58.495 N	109	47	6.728 W
1007.00	13.10	226.60	1003.25	-38.50	-32.87	7167106.75	2120873.77	39	58	58.359 N	109	47	6.902 W
1101.00	16.30	227.00	1094.16	-54.82	-50.26	7167090.10	2120856.69	39	58	58.198 N	109	47	7.126 W
1195.00	16.70	225.90	1184.29	-73.22	-69.61	7167071.34	2120837.70	39	58	58.016 N	109	47	7.374 W
1290.00	16.30	226.30	1275.38	-91.93	-89.05	7167052.26	2120818.62	39	58	57.831 N	109	47	7.624 W
1384.00	17.30	225.90	1365.37	-110.77	-108.63	7167033.05	2120799.41	39	58	57.645 N	109	47	7.876 W
1479.00	16.90	226.30	1456.17	-130.14	-128.75	7167013.30	2120779.66	39	58	57.454 N	109	47	8.134 W
1573.00	16.80	225.90	1546.13	-149.03	-148.39	7166994.03	2120760.39	39	58	57.267 N	109	47	8.386 W
1667.00	16.60	225.90	1636.17	-167.83	-167.78	7166974.86	2120741.36	39	58	57.081 N	109	47	8.636 W
1763.00	17.00	225.60	1728.07	-187.19	-187.66	7166955.12	2120721.86	39	58	56.890 N	109	47	8.891 W
1857.00	16.80	226.30	1818.01	-206.19	-207.30	7166935.75	2120702.59	39	58	56.702 N	109	47	9.143 W
1953.00	16.50	225.90	1909.99	-225.27	-227.12	7166916.30	2120683.14	39	58	56.514 N	109	47	9.398 W
2048.00	14.70	224.90	2001.48	-243.19	-245.31	7166898.03	2120665.29	39	58	56.336 N	109	47	9.632 W
2143.00	11.80	226.30	2093.94	-258.45	-260.85	7166882.48	2120650.05	39	58	56.186 N	109	47	9.831 W
2239.00	9.90	226.60	2188.22	-270.90	-273.94	7166869.78	2120637.20	39	58	56.063 N	109	47	9.999 W
2333.00	8.60	227.70	2281.00	-281.18	-285.01	7166859.29	2120626.33	39	58	55.961 N	109	47	10.142 W





# Ryan Energy Technologies

## Survey Report - Geographic



<b>Company:</b> Dominion Exploration & Product	<b>Date:</b> 8/6/2007	<b>Time:</b> 15:17:56	<b>Page:</b> 2
<b>Field:</b> Uintah County, Utah	<b>Co-ordinate(NE) Reference:</b>	Well: #2-4E, True North	
<b>Site:</b> RBU 2-4E	<b>Vertical (TVD) Reference:</b>	RKB Est 4975.0	
<b>Well:</b> #2-4E	<b>Section (VS) Reference:</b>	Well (0.00N,0.00E,225 90Azi)	
<b>Wellpath:</b> Original Hole	<b>Survey Calculation Method:</b>	Minimum Curvature	<b>Db:</b> Sybase

### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec			<--- Longitude ---> Deg Min Sec		
2428.00	8.00	226.60	2375.00	-290.50	-295.07	7166849.77	2120616.45	39	58	55.869 N	109	47	10.271 W
2522.00	6.70	228.40	2468.23	-298.64	-303.92	7166841.47	2120607.75	39	58	55.788 N	109	47	10.385 W
2617.00	5.60	225.90	2562.68	-305.54	-311.40	7166834.42	2120600.41	39	58	55.720 N	109	47	10.481 W
2711.00	4.80	228.40	2656.29	-311.35	-317.63	7166828.50	2120594.29	39	58	55.663 N	109	47	10.561 W
2800.00	4.80	228.40	2744.98	-316.29	-323.20	7166823.45	2120588.82	39	58	55.614 N	109	47	10.632 W



# **SURVEY REPORT - CLOSURE**

Prepared for:

**RBU 2-4E**

**Dominion Exploration & Production**

on

**Section 4, T10S, R19E**

**Uintah County, Utah**



# Ryan Energy Technologies

## Survey Report (Closure)



<b>Company:</b> Dominion Exploration & Product	<b>Date:</b> 8/6/2007	<b>Time:</b> 15:18:49	<b>Page:</b> 1
<b>Field:</b> Uintah County, Utah	<b>Co-ordinate(NE) Reference:</b> Well. #2-4E, True North		
<b>Site:</b> RBU 2-4E	<b>Vertical (TVD) Reference:</b> RKB Est 4975.0		
<b>Well:</b> #2-4E	<b>Section (VS) Reference:</b> Well (0.00N,0.00E,225.90Azi)		
<b>Wellpath:</b> Original Hole	<b>Survey Calculation Method:</b> Minimum Curvature	<b>Db:</b> Sybase	

**Field:** Uintah County, Utah  
Utah - Natural Buttes  
USA

**Map System:** US State Plane Coordinate System 1983  
**Geo Datum:** GRS 1980  
**Sys Datum:** Mean Sea Level

**Map Zone:** Utah, Central Zone  
**Coordinate System:** Well Centre  
**Geomagnetic Model:** igrf2005

**Site:** RBU 2-4E  
River Bend Unit  
Section 4-T10S-R19E

<b>Site Position:</b>	<b>Northing:</b> 7167145.88 ft	<b>Latitude:</b> 39 58 58.740 N
<b>From:</b> Geographic	<b>Easting:</b> 2120905.89 ft	<b>Longitude:</b> 109 47 6.480 W
<b>Position Uncertainty:</b> 0.00 ft		<b>North Reference:</b> True
<b>Ground Level:</b> 4957.00 ft		<b>Grid Convergence:</b> 1.10 deg

**Well:** #2-4E

**Slot Name:**

<b>Well Position:</b> +N/-S 0.00 ft	<b>Northing:</b> 7167145.88 ft	<b>Latitude:</b> 39 58 58.740 N
+E/-W 0.00 ft	<b>Easting :</b> 2120905.89 ft	<b>Longitude:</b> 109 47 6.480 W
<b>Position Uncertainty:</b> 0.00 ft		

**Wellpath:** Original Hole

<b>Current Datum:</b> RKB Est	<b>Height</b> 4975.00 ft	<b>Drilled From:</b> Surface
<b>Magnetic Data:</b> 6/7/2006		<b>Tie-on Depth:</b> 0.00 ft
<b>Field Strength:</b> 52835 nT		<b>Above System Datum:</b> Mean Sea Level
<b>Vertical Section:</b> Depth From (TVD)	+N/-S	<b>Declination:</b> 11.83 deg
ft	ft	<b>Mag Dip Angle:</b> 65.93 deg
		<b>+E/-W</b>
		<b>Direction</b>
		deg
0.00	0.00	0.00 225.90

### Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	ClsD ft	ClsA deg	Comment
0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	
548.00	0.30	205.90	548.00	-1.29	-0.63	1.35	0.05	1.43	205.90	
639.00	1.80	214.30	638.98	-2.69	-1.54	2.97	1.65	3.09	209.77	
730.00	4.40	216.40	729.84	-6.68	-4.41	7.82	2.86	8.00	213.47	
821.00	7.50	218.20	820.34	-14.16	-10.16	17.15	3.41	17.42	215.67	
912.00	10.30	222.40	910.23	-24.83	-19.32	31.15	3.16	31.46	217.88	
1007.00	13.10	226.60	1003.25	-38.50	-32.87	50.40	3.08	50.63	220.49	
1101.00	16.30	227.00	1094.16	-54.82	-50.26	74.25	3.41	74.38	222.52	
1195.00	16.70	225.90	1184.29	-73.22	-69.61	100.94	0.54	101.03	223.55	
1290.00	16.30	226.30	1275.38	-91.93	-89.05	127.92	0.44	127.99	224.09	
1384.00	17.30	225.90	1365.37	-110.77	-108.63	155.09	1.07	155.14	224.44	
1479.00	16.90	226.30	1456.17	-130.14	-128.75	183.03	0.44	183.07	224.69	
1573.00	16.80	225.90	1546.13	-149.03	-148.39	210.27	0.16	210.31	224.88	
1667.00	16.60	225.90	1636.17	-167.83	-167.78	237.29	0.21	237.32	224.99	
1763.00	17.00	225.60	1728.07	-187.19	-187.66	265.03	0.43	265.06	225.07	
1857.00	16.80	226.30	1818.01	-206.19	-207.30	292.36	0.30	292.38	225.15	
1953.00	16.50	225.90	1909.99	-225.27	-227.12	319.86	0.33	319.89	225.23	
2048.00	14.70	224.90	2001.48	-243.19	-245.31	345.41	1.92	345.43	225.25	
2143.00	11.80	226.30	2093.94	-258.45	-260.85	367.18	3.07	367.20	225.27	
2239.00	9.90	226.60	2188.22	-270.90	-273.94	385.25	1.98	385.27	225.32	
2333.00	8.60	227.70	2281.00	-281.18	-285.01	400.35	1.40	400.37	225.39	
2428.00	8.00	226.60	2375.00	-290.50	-295.07	414.06	0.65	414.08	225.45	
2522.00	6.70	228.40	2468.23	-298.64	-303.92	426.08	1.40	426.09	225.50	
2617.00	5.60	225.90	2562.68	-305.54	-311.40	436.25	1.19	436.26	225.54	
2711.00	4.80	228.40	2656.29	-311.35	-317.63	444.77	0.88	444.78	225.57	
2800.00	4.80	228.40	2744.98	-316.29	-323.20	452.21	0.00	452.22	225.62	



# **DAILY DRILLING REPORTS**

Prepared for:

**RBU 2-4E**

**Dominion Exploration & Production**

on

**Section 4, T10S, R19E**

**Uintah County, Utah**

Ryan Job # 2725

[illegible]

Report No.: 2  
Date M/Y/D: 30-Jul-07



Ryan Job # 2725

### DAILY DRILLING REPORT

Oil Company: Dominion E & P  
Field: Uintah Country, UT  
Location: RBU #2-4E  
AFE or PO #: 0

Customer: Dominion Exploration and Production  
Well Name & No.: RBU #2-4E  
Block or Section: 0  
Rig Contractor & No.: Patterson #12

00:00 Depth: 500 Footage Today: 512 Drig Hrs Today: 9.25 ROP Today: 55.35 Last Casing Set: 500  
24:00 Depth: 1012 Current Run Ftg: 512 Run Drig Hrs: 9.25 Run Avg. ROP: 55.35 Depth: 13 3/8  
Previous Run Ftg: 0 Run Drig Hrs: 0 Run Avg. ROP: #DIV/0!

PUMP Data Total Gals/Min = 553.223874				MUD DATA			BHA #	BHA #	MOTOR DATA	CURRENT	PREVIOUS
Pump	0	0	0	Mud Type	Water Base			1	Run No	1	
Liner (in)	6	5 1/2		Sample	IN	OUT		Bit	Size (in.)	7 3/4	
%	95	80		Time				Motor	Type	Stab	
Vol (gals)	2.79	5.24	0.00	WT				Stab	Serial No.	RY77310	
SPM	95	55		VIS				Float	Tool Deflection	1.75	
DRILLING PARAMETERS				PV				UBHO	Avg. Diff. Press.	250	
ST WT ROT 1000's	55			YP				Monel	Daily Drill Hrs.	9.25	
P/U WT. 1000's:	65			WL				Monel	Daily Circ. Hrs.	2	
S/O WT. 1000's:	45			CL				Shock Sub	Daily Total Hrs:	11.25	0
WOB 1000's:	35			Gels				X/O	Acc. Drill Hrs.	9.25	0
ROTARY RPM:	55			% Oil				6x6" DC's	Acc. Circ. Hrs.	2	0
MOTOR RPM:	82			% Solids				21 Jts HWDP	Depth In	500	
TOTAL Bit RPM	137	0		% Sand					Depth Out		
ROT TQ. OFF BTM:				PH					LIH Hrs.	16.5	
ROT TQ. ON BTM:				Temp F					Acc. LIH Hrs.	16.5	0
Current Mag Dec:	11.83			MWD F			BHA WT		Acc. Hrs Cir/Drilg	11.25	0
Pulse Hight				GPM	550		BELOW JARS				
"G" Totals				PSI	1250				Jar # HRS		

BIT DATA														
Bit No	Size (in)	Mfg	Type	Senal No	Nozzles or TFA	Depth In	Cum Footage	Cum Hrs	Depth Out	DULL CONDITION				
										IR	OR	DC	LOC B/S	RPLD
1	12 25	Hycalog	HP51A	JD1630	3X28's	500	512	9 3	0					

From	Hrs.	Start Depth	End Depth	CL	Code	Time Breakdown	Current Operations
0 00	7 50				S	Standby	Tag @ 460'
7 30	2 50				6 G	P/U Direction Tools. Bend Motor, Scribe. Load MWD.	
10 00	1 50				6 A	TIH	
11 30	1 25				8	Install Rotating Rubber and rig repair.	
12 45	0 50				5 A	Drill Cement	
13 15	1 50	500	578	78	2 A	Rotate	
14 45	0 25				10	Survey @ 518 . . . . Failed. Bad Magnetic reading.	
15 00	0 25	578	608	30	2 A	Rotate	
15 15	0 25				10	Survey @ 548 Inc. 0.3 Az. 205.9	
15 30	0 25	608	623	15	2 B	Slide @ 225 MTF	Estimated Daily Charges
15 45	0 50	623	669	46	2 A	Rotate	Description Cost
16 15	0 25	669	684	15	2 B	Slide @ 225 MTF	
16 30	0 25	684	699	15	2 A	Rotate	
16 45	0 25				10	Survey @ 639 Inc. 1.8 Az. 214.3	
17 00	0 50	699	730	31	2 A	Rotate	
17 30	0 25	730	745	15	2 B	Slide @ 225 MTF	
17 45	0 75	745	790	45	2 A	Rotate	
18 30	0 25				10	Survey @ 730 Inc. 4.4 Az. 216.4	
18 45	0 25	790	805	15	2 B	Slide @ 225 MTF	
19 00	1 00	805	850	45	2 A	Rotate	
20 00	0 50	850	865	15	2 B	Slide @ 225 MTF	
20 30	0 25	865	881	16	2 A	Rotate	
20 45	0 25				10	Survey @ 821 Inc. 7.5 Az. 218.2	Estimated Daily Cost (USD) \$ -
21 00	0 50	881	911	30	2 A	Rotate	Accumulated Cost (USD) \$ -
21 30	0 25	911	926	15	2 B	Slide @ 25R GTF	Company Representative (s)
21 45	1 00	926	972	46	2 A	Rotate	Vince Guinn 0
22 45	0 25				10	Survey @ 912 Inc. 10.3 Az. 222.4	0
23 00	0 50	972	987	15	2 B	Slide @ 5R GTF	RYAN Directional Representative (s)
23 30	0 50	987	1012	25	2 A	Rotate	Josh Trujillo
0 00	0 00						
							RYAN MWD Representative (s)
							Terry Lee
							24 Hour Breakdown
							Ftg Rot 407 Time Rot 7
							Ftg Orient 105 Time Orient 2.25
							Rot. ROP 58.14 Orient ROP 46.67

Report No.: 3  
Date M/Y/D: 31-Jul-07



Ryan Job # 2725

### DAILY DRILLING REPORT

Oil Company: **Dominion E & P**  
Field: **Utah Country, UT**  
Location: **RBU #2-4E**  
AFE or PO #: **0**

Customer: **Dominion Exploration and Production**  
Well Name & No.: **RBU #2-4E**  
Block or Section: **0**  
Rig Contractor & No.: **Patterson #12**

00:00 Depth: 1012      Footage Today: 811      Drig Hrs Today: 22      ROP Today: 36.86      Last Casing Set: 500  
24:00 Depth: 1823      Current Run Ftg: 1323      Run Drig Hrs: 31.25      Run Avg. ROP: 42.34      Depth: 13 3/8  
Previous Run Ftg: 0      Run Drig Hrs: 0      Run Avg. ROP: #DIV/0!

PUMP Data Total Gals/Min = 567.167675				MUD DATA				BHA #	BHA #	MOTOR DATA	CURRENT	PREVIOUS
Pump	0	0	0	Mud Type	Water/Gel				1	Run No	1	
Liner (in)	6	5	1/2	Sample	IN		OUT		Bit	Size (in.)	7 3/4	
%	95	80		Time	12:00				Motor	Type	Stab	
Vol (gps)	2.79	5.24	0.00	Wt.	8.6				Slab	Serial No.	RY77310	
SPM	100	55		VIS	36				Float	Tool Deflection	1.75	
DRILLING PARAMETERS				PV	6				UBHO	Avg. Diff. Press.	250	
ST WT ROT 1000's	65			YP	6				Monel	Daily Drill Hrs.	22	
P/U WT. 1000's	80			WL	0				Monel	Daily Circ. Hrs.	2	
S/O WT. 1000's	58			CL	15000				Shock Sub	Daily Total Hrs.	24	0
WOB 1000's	40			Gels	8/8				X/O	Acc. Drill Hrs.	31.25	0
ROTARY RPM	55			% Oil					6x6" DC's	Acc. Circ. Hrs.	4	0
MOTOR RPM	82			% Solids	nil				21 Jts HWDP	Depth In	500	
TOTAL Bit RPM	137	0		% Sand	trace					Depth Out		
ROT TQ. OFF BTM				PH	10.5					LIH Hrs.	24	
ROT TQ. ON BTM				Temp F						Acc. LIH Hrs.	40.5	0
Current Mag Dec	11.83			MWD F	114			BHA WT		Acc. Hrs Cir/Drilg	35.25	0
Pulse Hight				GPM	550			BELOW JARS				
"G" Totals				PSI	1250					Jar # HRS		

BIT DATA													
Bit No	Size (in)	Mfg	Type	Serial No	Nozzles or TFA	Depth In	Cum Footage	Cum Hrs	Depth Out	DULL CONDITION			
1	12.25	Hycalog	HP51A	JD1630	3X28's	500	1323	31.3	0	IR	OR	DC	RPLD

From	Hrs.	Start Depth	End Depth	CL	Code	Time Breakdown	Current Operations
0:00	0:50	1012	1035	23	2.A	Rotate	
0:30	0:50	1035	1050	15	2.B	Slide @ 5R GTF	
1:00	0:25	1050	1067	17	2.A	Rotate	
1:15	0:25				10	Survey @ 1007 Inc. 13.1 Az. 226.6	
1:30	1:00	1067	1098	31	2.A	Rotate	
2:30	0:50	1098	1113	15	2.B	Slide @ 15L GTF	
3:00	1:25	1113	1161	48	2.A	Rotate	
4:15	0:25				10	Survey @ 1101 Inc. 16.3 Az. 227.0	
4:30	2:00	1161	1255	94	2.A	Rotate	
6:30	0:25				10	Survey @ 1195 Inc. 16.7 Az. 225.9	
6:45	1:75	1255	1350	95	2.A	Rotate	
8:30	0:25				10	Survey @ 1290 Inc. 16.3 Az. 226.3	
8:45	0:75	1350	1365	15	2.B	Slide @ 0 GTF	
9:30	2:50	1365	1444	79	2.A	Rotate	
12:00	0:25				10	Survey @ 1384 Inc. 17.3 Az. 225.9	
12:15	2:75	1444	1507	63	2.A	Rotate	
15:00	0:75	1507	1539	32	2.A	Rotate	
15:45	0:25				10	Survey @ 1479 Inc. 16.9 Az. 226.3	
16:00	2:50	1539	1633	94	2.A	Rotate	
18:30	0:25				10	Survey @ 1573 Inc. 16.8 Az. 225.9	
18:45	2:25	1633	1727	94	2.A	Rotate	
21:00	0:25				10	Survey @ 1667 Inc. 16.6 Az. 225.9	
21:15	2:75	1727	1823	96	2.A	Rotate	
0:00	0:00						
							Estimated Daily Cost (USD) \$
							Accumulated Cost (USD) \$
							Company Representative (s)
							Vince Guinn 0
							0 0
							RYAN Directional Representative (s)
							Josh Trujillo
							RYAN MWD Representative (s)
							Terry Lee
							24 Hour Breakdown
							Ftg Rot 766 Time Rot 20.25
							Ftg Orient 45 Time Orient 1.75
							Rot. ROP 37.83 Orient ROP 25.71

Ryan Job # 2725

From	Hrs.	Start Depth	End Depth	CL	Code	Time Breakdown	Current Operations	
0:00	0:25				10	Survey @ 1763 Inc. 17.0 Az. 225.6		
0:15	2:50	1823	1917	94	2.A	Rotate		
2:45	0:25				10	Survey @ 1857 Inc. 16.8 Az. 226.3		
3:00	2:50	1917	2013	96	2.A	Rotate		
5:30	0:25				10	Survey @ 1953 Inc. 16.5 Az. 225.9		
5:45	0:50	2013	2045	32	2.A	Rotate		
6:15	0:75	2045	2057	12	2.B	Slide @ 180 GTF		
7:00	1:50	2057	2108	51	2.A	Rotate		
8:30	0:25				10	Survey @ 2048 Inc. 14.7 Az. 224.9	Estimated Daily Charges.	
8:45	0:50	2108	2123	15	2.B	Slide @ 180 GTF	Description	Cost
9:15	2:25	2123	2203	80	2.A	Rotate		
11:30	0:25				10	Survey @ 2143 Inc. 11.8 Az. 226.3		
11:45	0:50	2203	2213	10	2.B	Slide @ 180 GTF		
12:15	2:25	2213	2299	86	2.A	Rotate		
14:30	0:25				10	Survey @ 2239 Inc. 9.9 Az. 226.6		
14:45	0:25	2299	2309	10	2.B	Slide @ 180 GTF		
15:00	2:75	2309	2393	84	2.A	Rotate		
17:45	0:25				10	Survey @ 2333 Inc. 8.6 Az. 227.7		
18:00	2:50	2393	2488	95	2.A	Rotate		
20:30	0:25				10	Survey @ 2428 Inc. 8.0 Az. 226.6		
20:45	0:25	2488	2498	10	2.B	Slide @ 180 GTF		
21:00	2:75	2498	2582	84	2.A	Rotate		
23:45	0:25				10	Survey @ 2522 Inc. 6.7 Az. 228.4	Estimated Daily Cost (USD)	\$ -
0:00	0:00						Accumulated Cost (USD)	\$ -
							Company Representative (s)	
							Vince Gunn	0
							0	0
							RYAN Directional Representative (s)	
							Josh Trujillo	
							RYAN MWD Representative (s)	
							Terry Lee	
							24 Hour Breakdown	
							Flt Rot	702
							Time Rot	19.5
							Flt Orient	57
							Time Orient	2.25
							Rot. ROP	36.00
							Orient ROP	25.33



Ryan Job # 2725

[illegible]



# **BHA REPORTS**

Prepared for:

**RBU 2-4E**

**Dominion Exploration & Production**

on

**Section 4, T10S, R19E**

**Uintah County, Utah**





# **MOTOR RUN REPORTS**

Prepared for:

**RBU 2-4E**

**Dominion Exploration & Production**

on

**Section 4, T10S, R19E**

**Uintah County, Utah**



<b>General Information:</b>						<b>In the Event Of an Incident:</b>										
Ryan Job #:						2725	Date of Incident:									
Customer:						Dominion E & P	Date Notified Office:									
Location:						RBU #2-4E	Person Notified:									
Lease:						0	<b>Incident Comments:</b>									
Well Name & Number:						RBU #2-4E										
Rig Name & Number:						Patterson #12										
Directional Driller ('s):																
<b>Motor Information:</b>																
Motor Serial #:																RY77310
Motor Size (OD):																7 3/4
Motor Company:																RYAN
Motor Stabilizer Size:																12"
Degree Bent Housing:																1.75
Rotor / Stator Conf.:																7/8 4.0
Depth In:																500
Depth Out:																2800
Footage:																2300
Drilg Hours:																61.5
Circulating Hours:																7.75
Total Hours						69.25										
Hours Below Rotary Table ( LIH)						74.5										
Motor yield						10										
<b>Start of Run: Date</b>						July 30, 2007										
GPM"S:						540										
Standpipe Press / Off Bottom:						1000										
Standpipe Press / On Bottom:						1250										
Weight on Bit Avg :						35										
<b>End Of Run: Date</b>						August 2, 2007										
GPM"S:						540										
Standpipe Press / Off Bottom:						1275										
Standpipe Press / On Bottom:						1475										
Weight on Bit Avg :						35										
<b>Bit Information:</b>																
Bit Size:								12 1/4								
Bit Type:								TRI-CONE								
Bit Manufacture:								HYCALOG								
Serial #								JD1630								
Jets / TFA:								3X28's								
<b>Mud Information End of Run:</b>																
Mud Type:OBS/WBM								WATER/GEL								
Mud Weight:								9.3								
Viscosity:								38								
Plastic Vis								4								
Yield Point:								12								
Sand %:								1.25								
Solids %:								6.5								
LCM (yes or no):								NO								
% LCM per/BBL:																
Static Temp:																
Circulating Temp:								116								
OBM Aniline Point																

MOTOR PERFORMED GREAT!

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U-013792
2. NAME OF OPERATOR: XTO ENERGY INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410		7. UNIT or CA AGREEMENT NAME: RIVER BEND UNIT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 373' FNL & 1656' FEL		8. WELL NAME and NUMBER: RBU 2-4E
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 4 10S 19E		9. API NUMBER: 4304738294
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: PUT WELL ON PLUNGER LIFT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc. put this well on plunger lift as follows:

1/9/08 MIRU Production Logging Services SLU. SN @ 9081' FS. PU & RIH w/1.75" BB. Tag fill @ 9130'. POH & LD tools. PU & RIH w/1.906" broach to SN. No ti spots. POH & LD broach tools. PU & RIH w/SV to SN. RWTP @ 12:00 p.m., 1/9/08. RDMO Production Logging Services SLU.

NAME (PLEASE PRINT) <u>LORRI D. BINGHAM</u>	TITLE <u>REGULATORY COMPLIANCE TECH</u>
SIGNATURE <u></u>	DATE <u>4/9/2008</u>

(This space for State use only)

RECEIVED  
APR 14 2008